GREAT BRITAIN
~~D36 8 L~~ 92
XD 7/~~15~~ 523
#18,468
AUG. 12 AD 1912

[This Drawing is a reproduction of the Original on a reduced scale.]

FIG. 1.

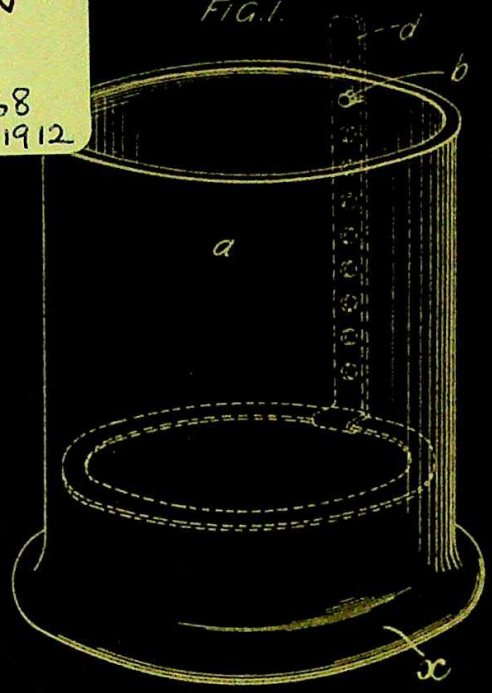


FIG. 2.

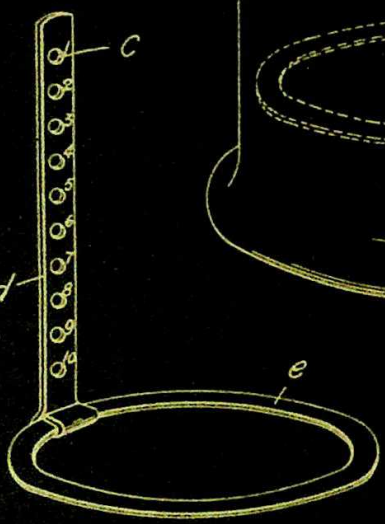


FIG. 3.

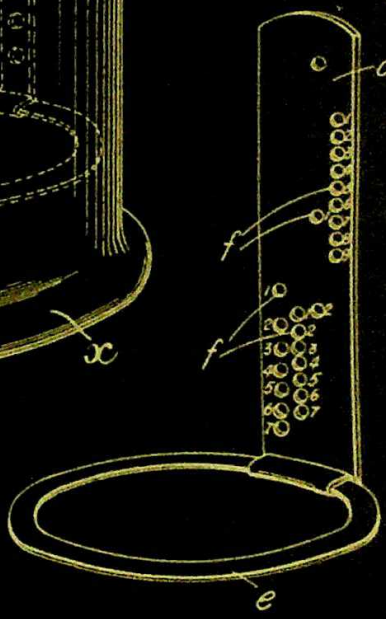
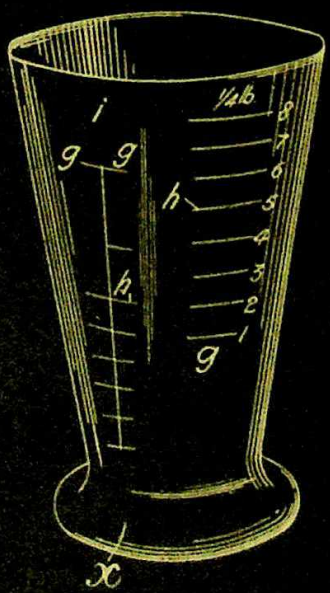


FIG. 4.



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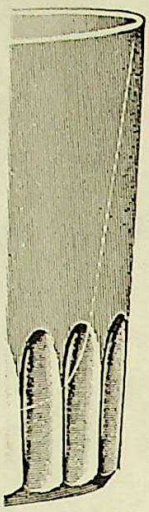
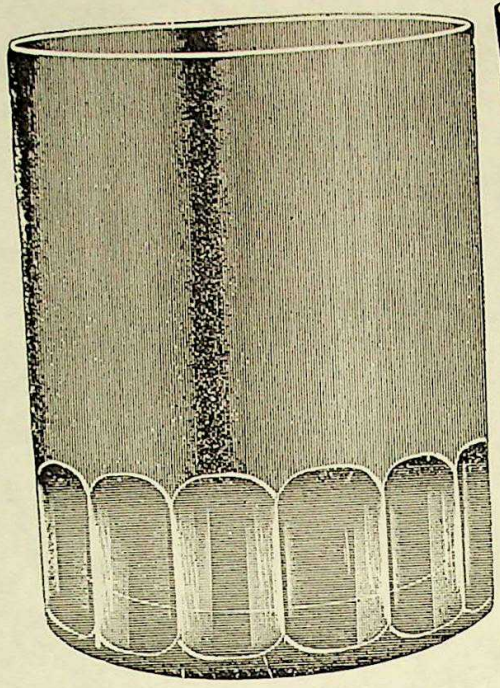
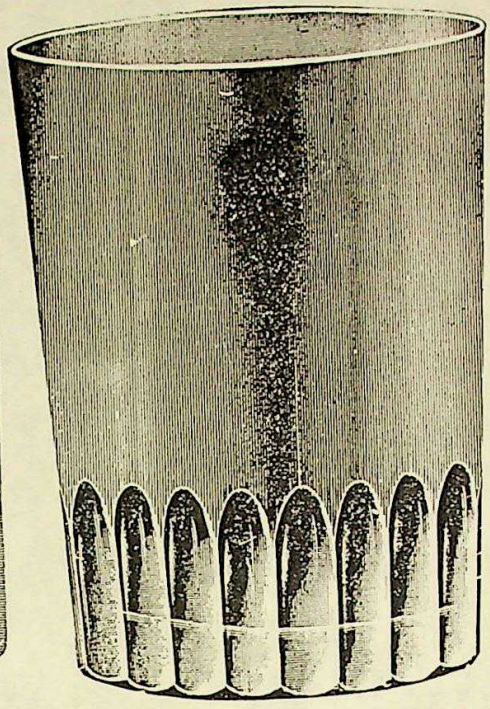
MONONGAH GLASS CO., FAIRMONT, WEST VA., U. S. A.



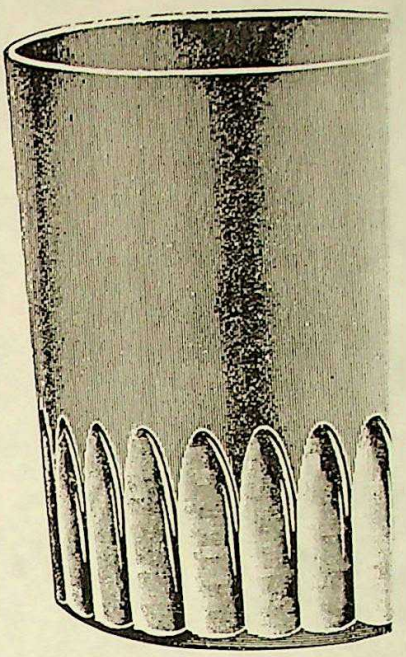
2 oz.



No. 694, 5½ oz.



No. 699, 6 oz.

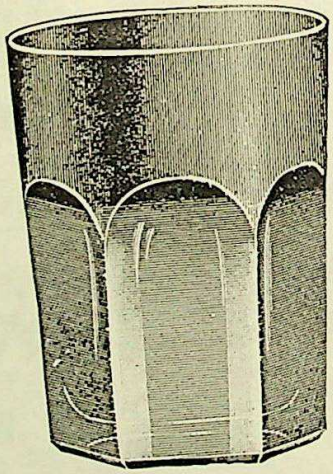


No. 699½, 5 oz.

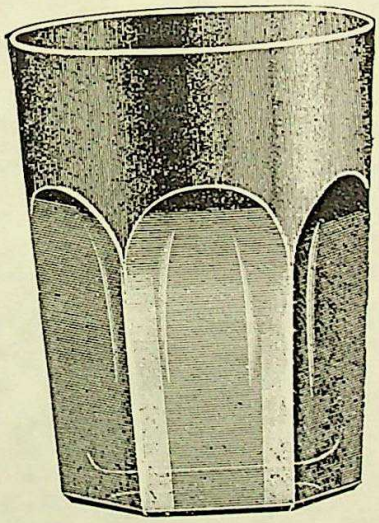
PRESSED BAR TUMBLERS

MONONGAH GLASS COMPANY CATALOG APRIL 1920

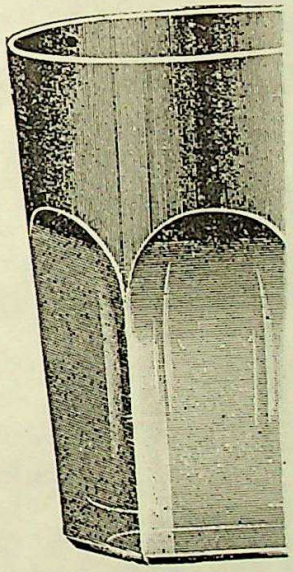
1 oz.



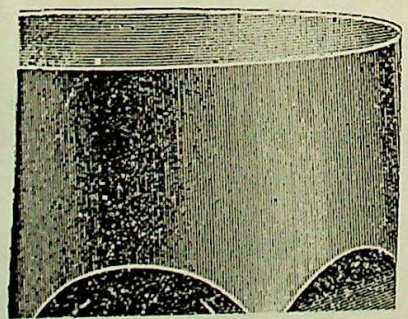
No. 850, 1½ oz.

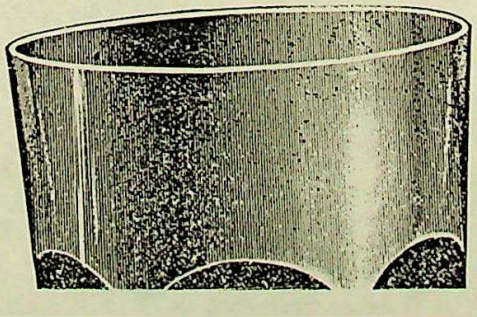


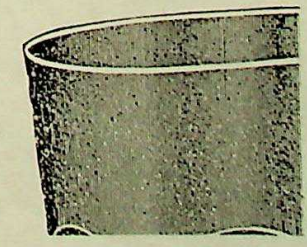
No. 850, 2½ oz.



No. 850, 3







PRESSED ALE OR MINERAL TUMBLERS

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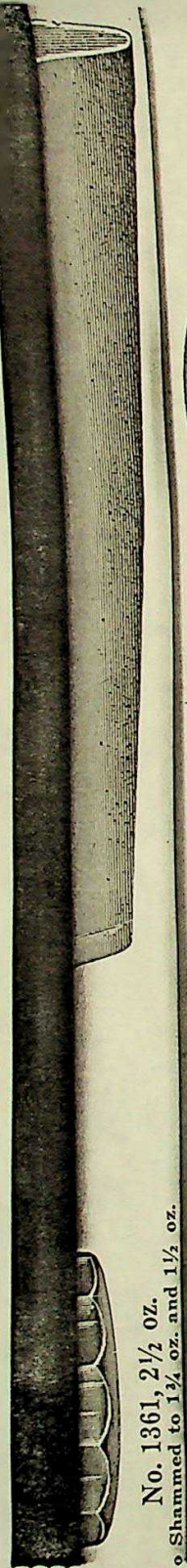
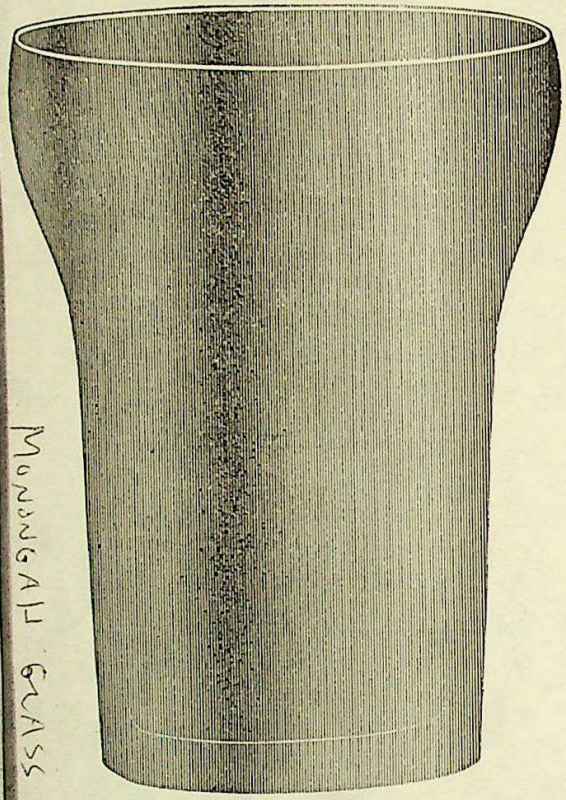
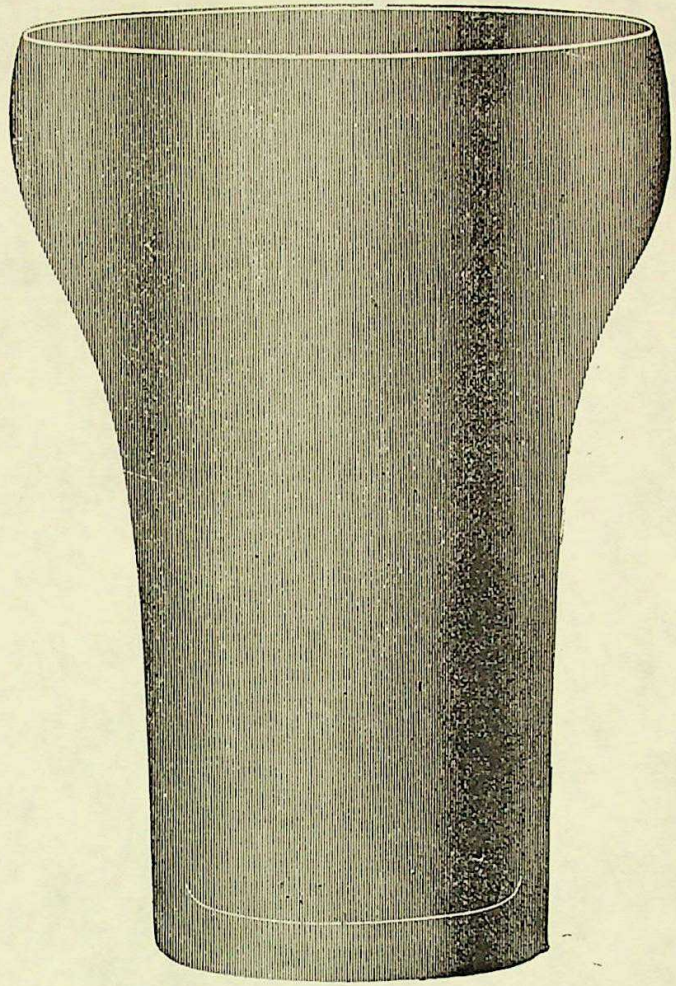


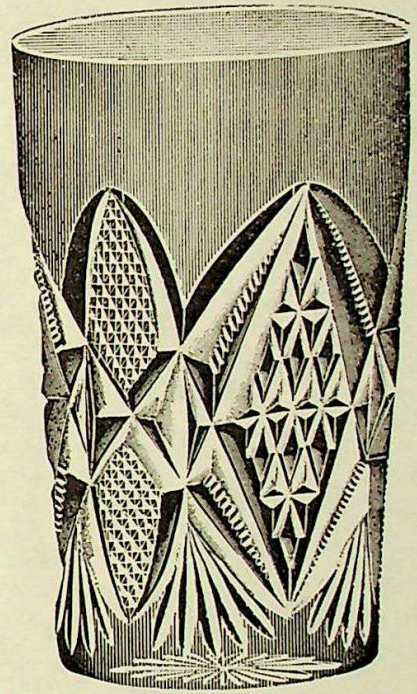
No. 1361, 2½ oz.
Shammed to 1¾ oz. and 1½ oz.



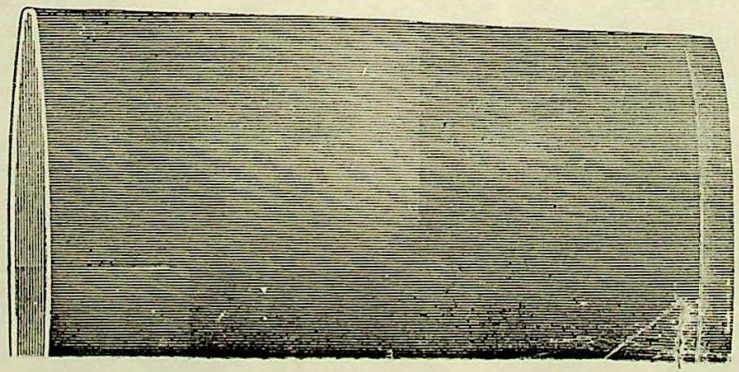
No. 1368, 8 oz.



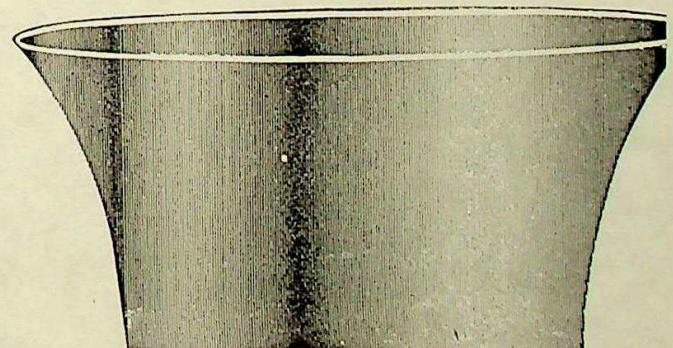
No. 1368, 12 oz.



No. 1480, Champagne, 4 oz.



No. 1578, 6¾ oz.



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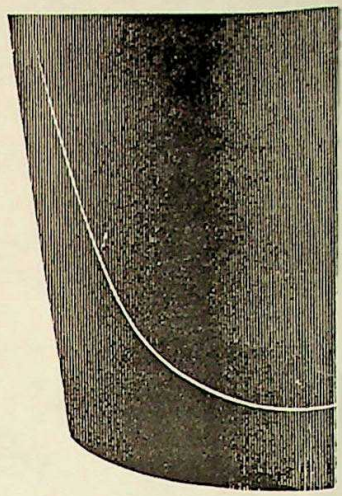
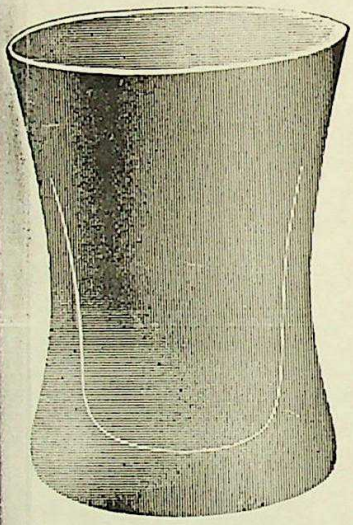
No. 8143, 7 oz.

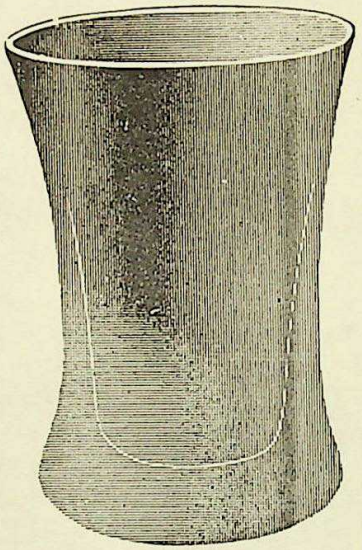
No. 8143, 7½ oz.



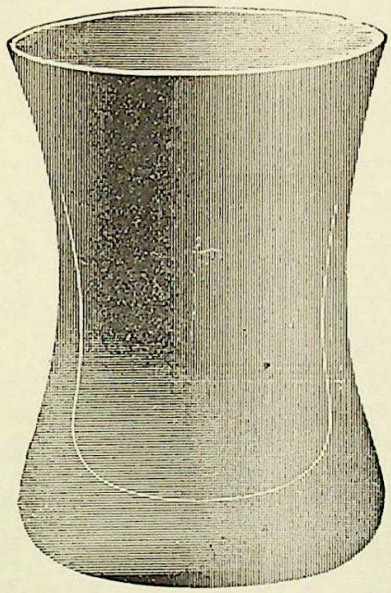
No. 8143



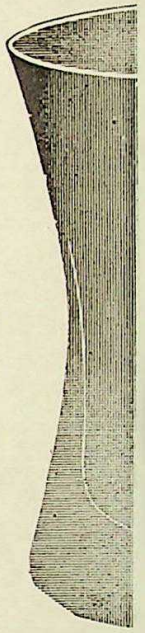
No. 8151, 1¼ oz.
Also 1 oz.



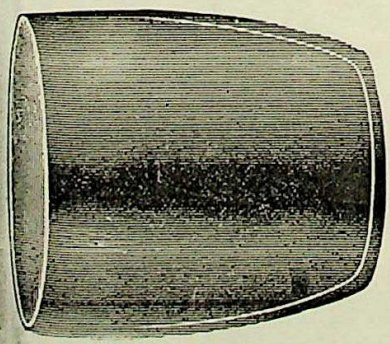
No. 8151, 1½ oz.
Also 1¾ oz.



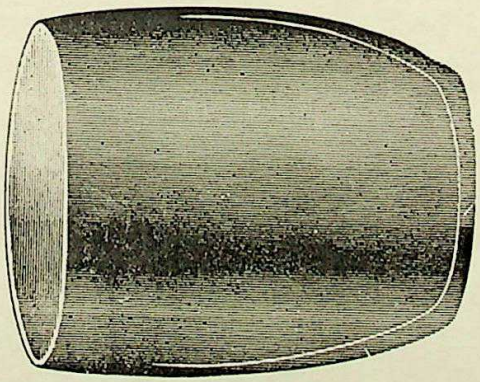
No. 8151, 2 oz.



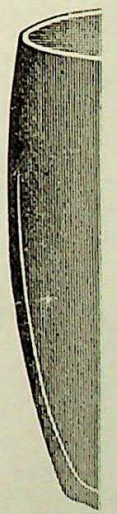
N

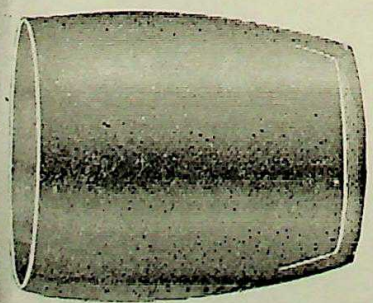


No. 8161, 1½ oz.

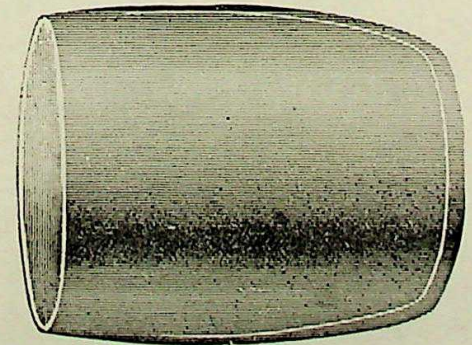


No. 8161, 2½ oz.





No. 8161, 1¼ oz.



No. 8161, 2 oz.

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Monongah Glass
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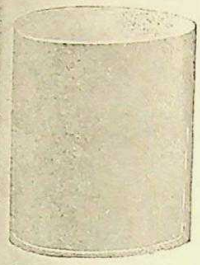
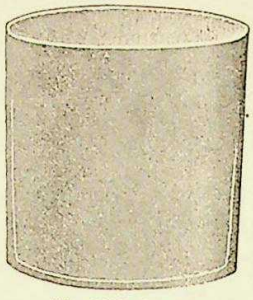
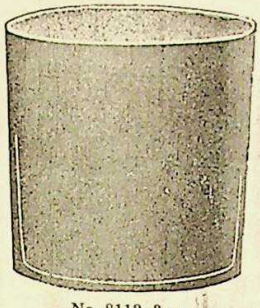
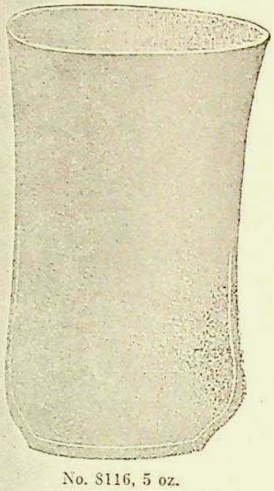
LEAD GLASS BLOWN TUMBLERS

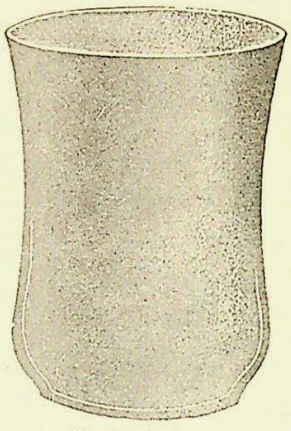

No. 8112, 2 oz.

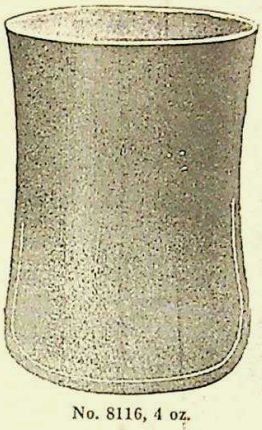

No. 8112, 2½ oz.

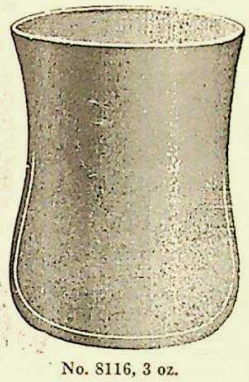

No. 8112, 3 oz.

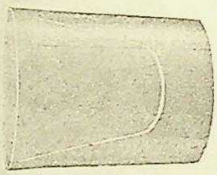
No. 8112, 3½ oz.

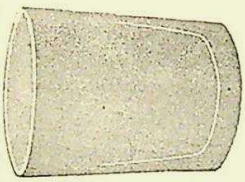

No. 8116, 5 oz.

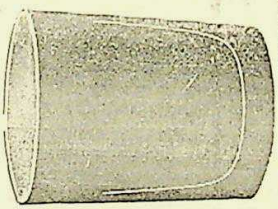

No. 8116, 4½ oz.

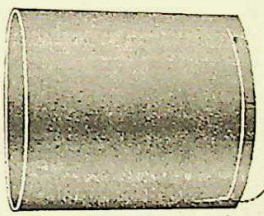

No. 8116, 4 oz.

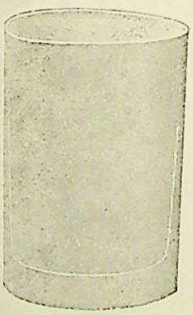

No. 8116, 3 oz.

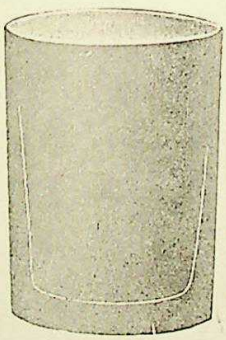

No. 8120, ¾ oz.

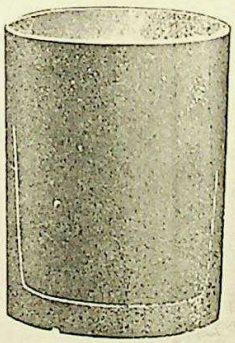

No. 8121, ¾ oz.

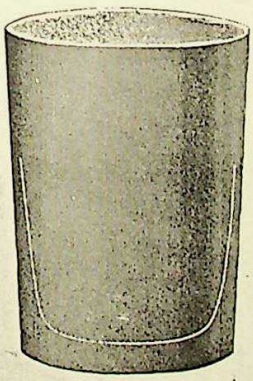

No. 8121, 1¼ oz. Also 1 oz.


No. 8113, 1¾ oz.


No. 8121, 1¾ oz.


No. 8121, 2 oz.


No. 8121, 2½ oz.


No. 8121, 3 oz.

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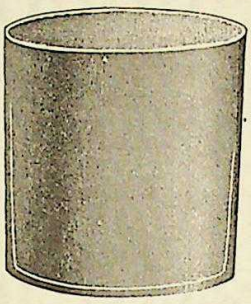
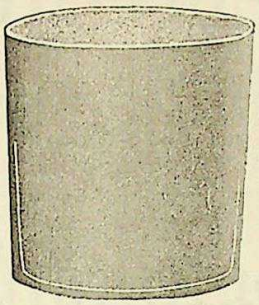
LEAD GLASS BLOWN TUMBLERS

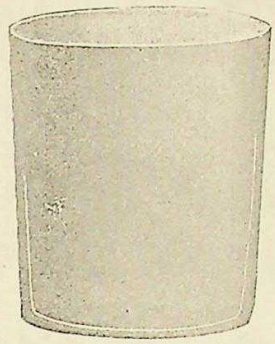
No. 8112, 2 oz.



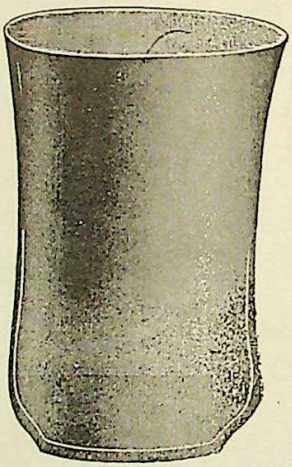
No. 8112, 2½ oz.



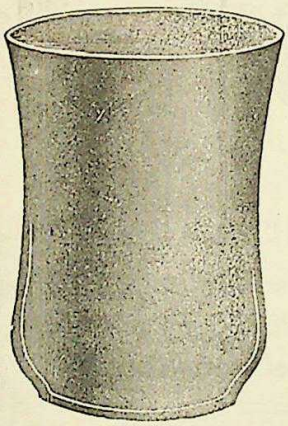
No. 8112, 3 oz.



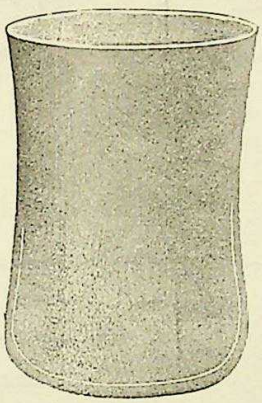
No. 8112, 3½ oz.



No. 8116, 5 oz.

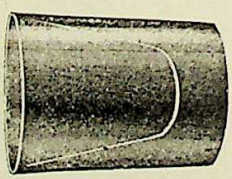


No. 8116, 4½ oz.

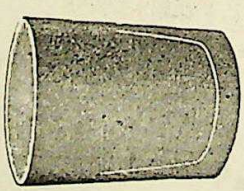


No. 8116, 4 oz.

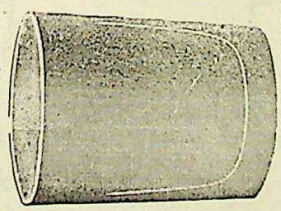
No. 8116, 3 oz.



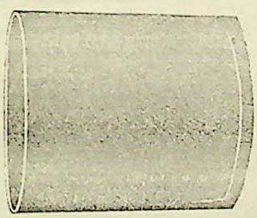
No. 8120, ¾ oz.



No. 8121, ¾ oz.

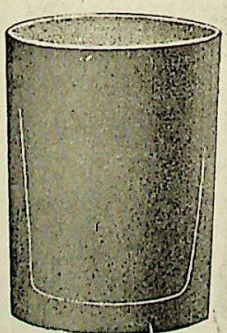


No. 8121, 1¼ oz. Also 1 oz.

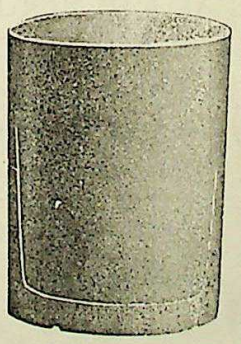


No. 8113, 1¾ oz.

No. 8121, 1¼ oz.



No. 8121, 2 oz.



No. 8121, 2½ oz.

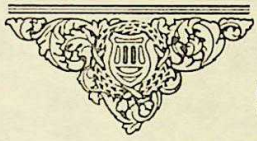
No. 8121, 3 oz.

D7/523
INFORMATION SHEET
Attached to p. 129

Monongah Glass Co.

Fairmont, W. Va., U.S.A.

Flint Glass Manufacturers



BLOWN RICH LEAD GLASS

Tumblers, Stemware, Sherbets, Finger Bowls, Etc., in Plain, Cut, Plate Etched, Needle Etched, Engraved, Sand Blasted, Decorated, Etc.

LIME BLOWN TUMBLERS

APRIL 1, 1920.

PRESSED GLASS

RETURN TO
DESIGN DIV.

Tumblers, Sodas, Beer Mugs, Stemware, Packers' Goods, Etc.

CATALOGUE No. 6

We Solicit Correspondence in Reference to Any Special Articles in Pressed or Blown Glass. All Our Goods are Hand Made, and We Guarantee Workmanship.

PRICES ON APPLICATION

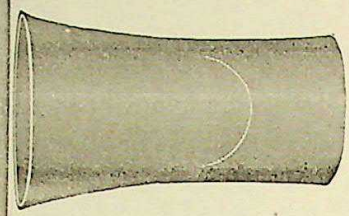
No. 11, 9½ oz.

No. 5½, 9 oz.

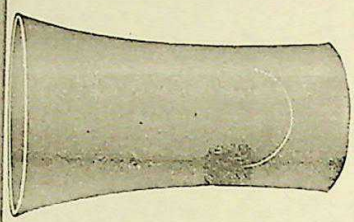
D7-D6
523

LEAD GLASS BLOWN TUMBLERS

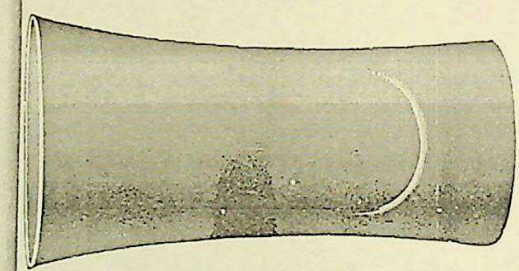
CATALOG #6



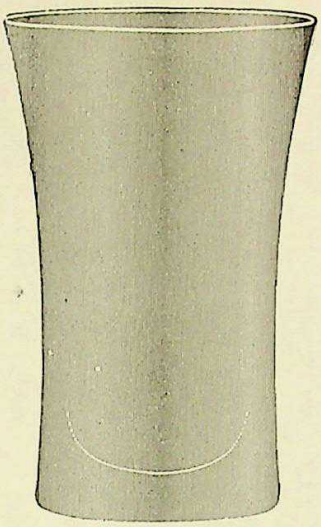
No. 9055, ¾ oz.



No. 9055, 1 oz.



No. 9055, 2¼ oz.



No. 9055, 4 oz.

APRIL 1, 1920

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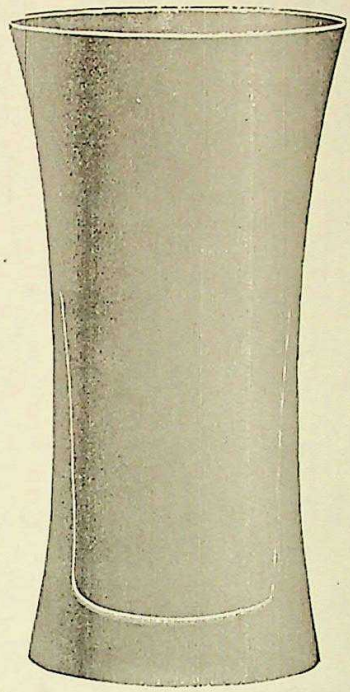
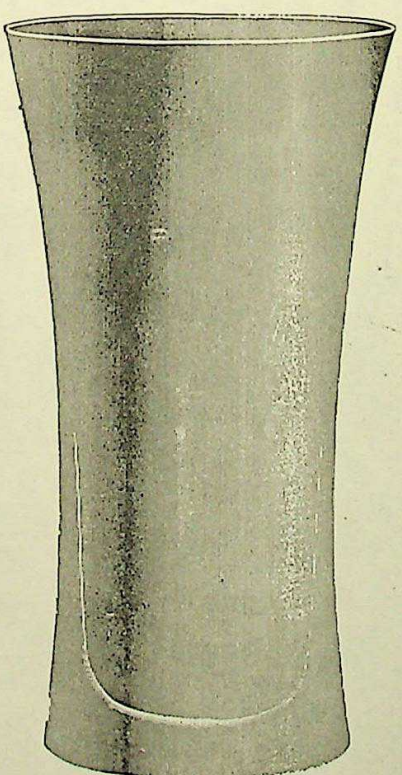
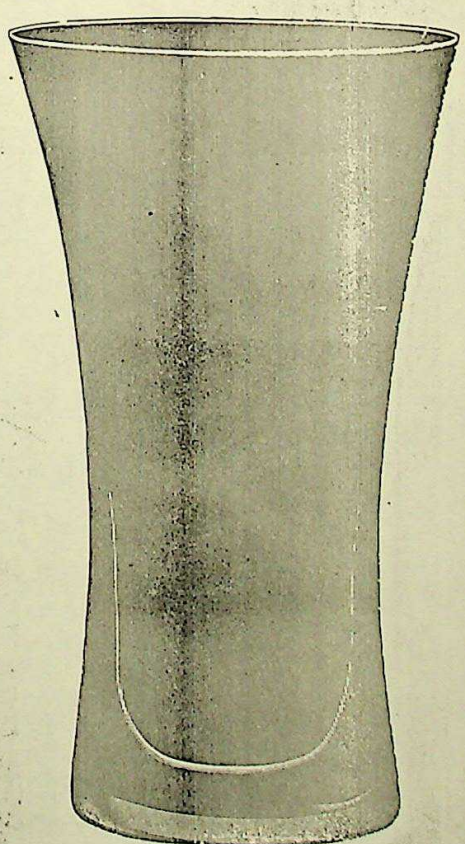


No. 9055, 6½ oz.

No. 9055, 7½ oz.



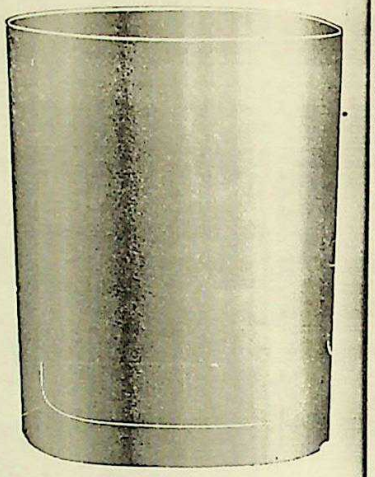
No. 9055, 9 oz.



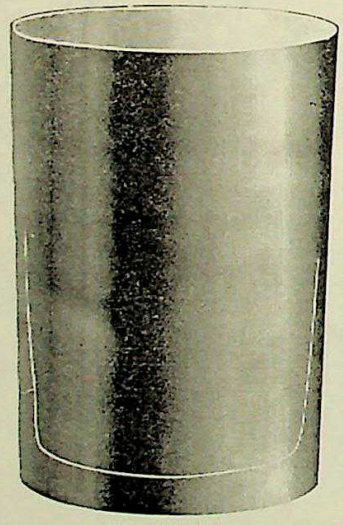
No. 9055, 11 oz.

LEAD GLASS BLOWN TUMBLERS

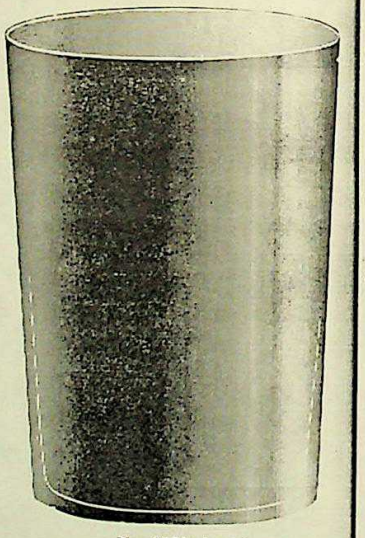
No. 9491, 9 oz.



No. 9492, 8½ oz.



No. 0252, 9 oz.

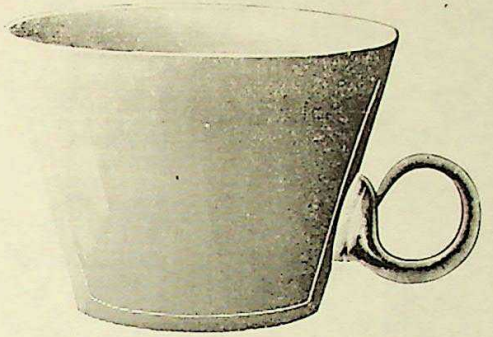


No. 0253, 9 oz.

CATALOG 4/1920

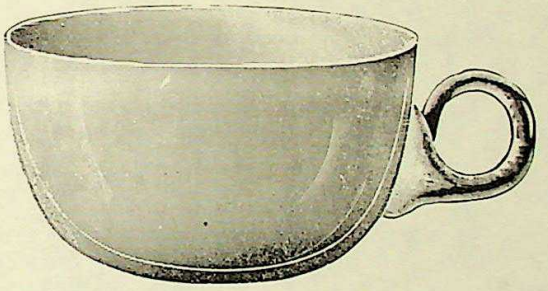
LEAD GLASS BLOWN HANDLED SHERBETS.

No. 2900.

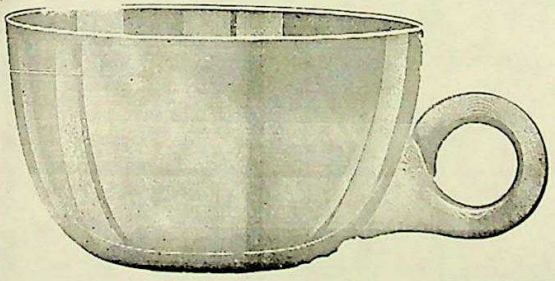


No. 2901.

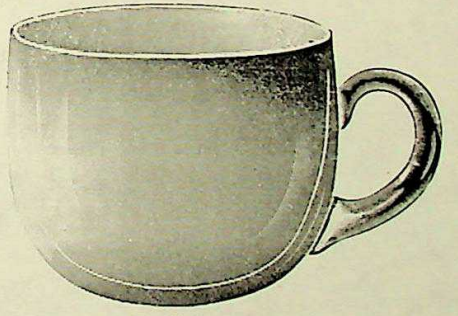
No. 2902



No. 2903



No. 2904.



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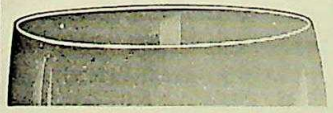
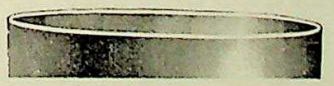
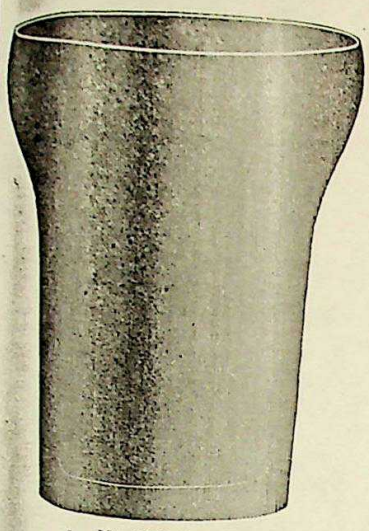




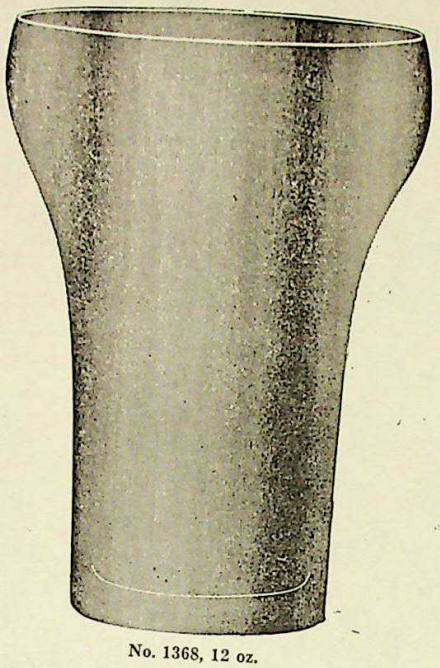
D7/523

D7/523

RECD 11/16/1925



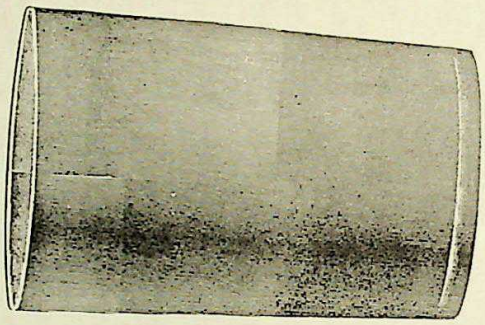
No. 1368, 8 oz.



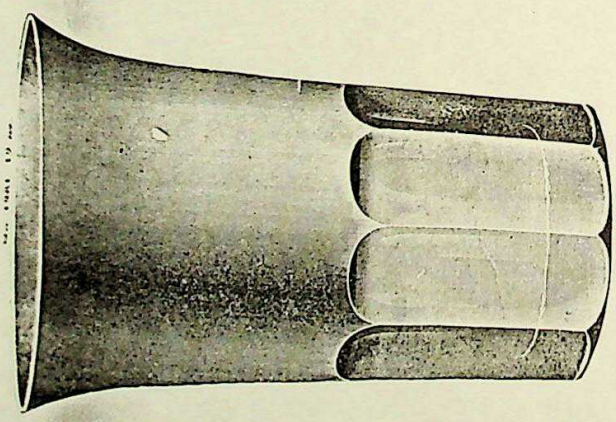
No. 1368, 12 oz.

No. 1480, Champagne, 4 oz.

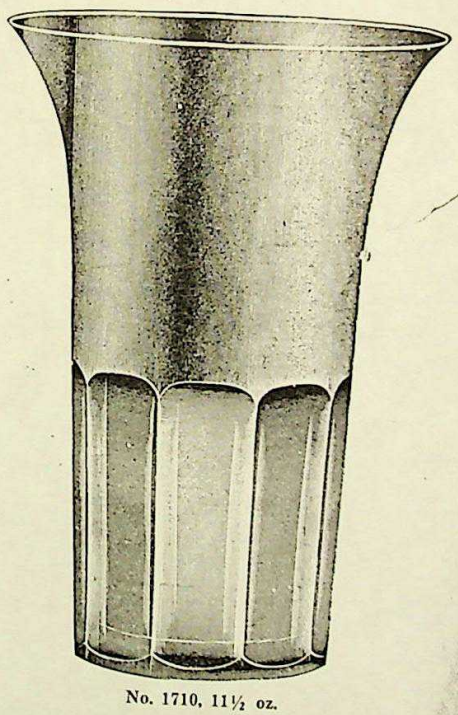
No. 1361, 2½ oz.



No. 1578, 6¼ oz.



No. 1707, 10 oz.



No. 1710, 11½ oz.

Glenn Brett
Brewers bristols 330-1766
838-9163
Jack 308-0266

D7/15
523

Christmas gifts from Holland in lovely crystal

A never-to-be-forgotten Christmas gift of Leerdam crystal, in the "Rumba" pattern. Shown: Highball glass, $48 the dozen. Also available: Old Fashioned glasses, $33 the dozen; Cocktail glasses, $27 the dozen; Jigger glasses, $21 the dozen.

MAIL AND PHONE ORDERS FILLED
ELDORADO 5-6630
NO CHARGE FOR DELIVERY
WITHIN 300 MILES.

GEORG JENSEN INC.
Fifth Ave. at 53rd St., New York 22

NEW YORKER 12/9/50 p. 74

NEW YORKER
JUNE 24, 1950
P. 68

Jensen's for the smartest designs in crystal

(left to right)
"Alma" Swedish crystal, 16 oz. highball 21.00 doz.
"Berkshire" chip-proof crystal, 14 oz. highball . . . . . 15.00 doz.
"Swallow" design, 14 oz. highball 12.00 doz.

MAIL AND PHONE ORDERS FILLED
ELDORADO 5-6630

GEORG JENSEN INC.
Fifth Ave. at 53rd St., New York 22

~~D36 6.G~~
D 7/4523

92

THE NEW YORKER Magazine

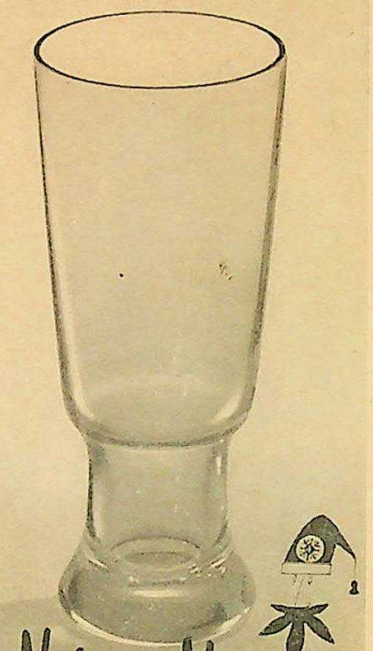
Oct.13, 1951

page 92

Item: Neiman-Marcus jigger highball

The New Yorker
OCTOBER 13, 1951
page 92.

Jigger highball . . . 10 oz. glass with built-in measure. 7.50 doz. Add 35¢ for famous N.M. occasion gift wrap, 50¢ for postage.



Neiman-Marcus
DALLAS

215-12

880

D7/523

~~215-12.R~~

18

#1,112,342
FRANCE

N° 1.112.342 M. Lévy Pl. unique

Fig. 1

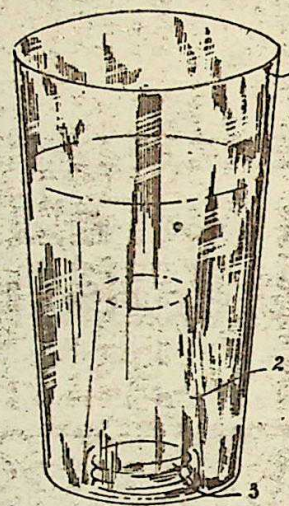


Fig. 3

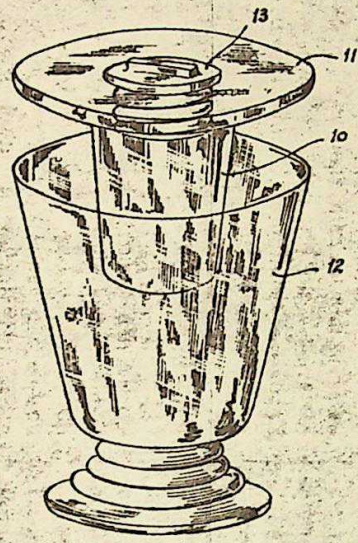


Fig. 5

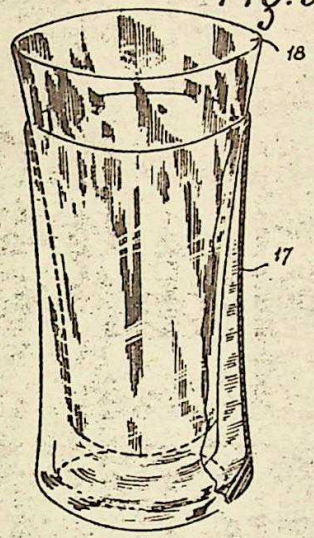


Fig. 6

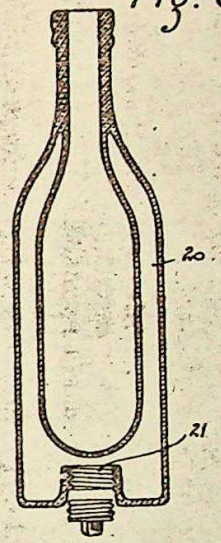


Fig. 2

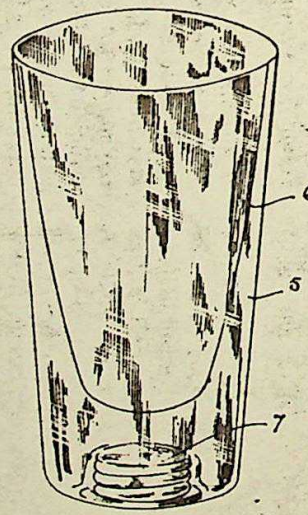


Fig. 4

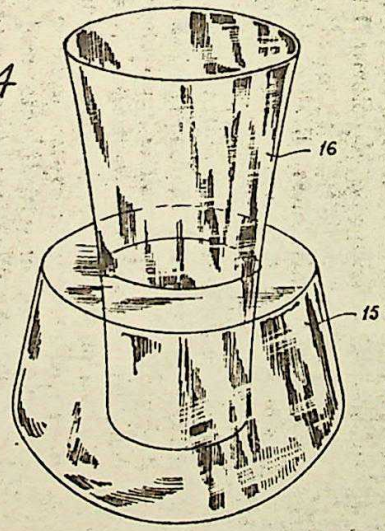


Fig. 7

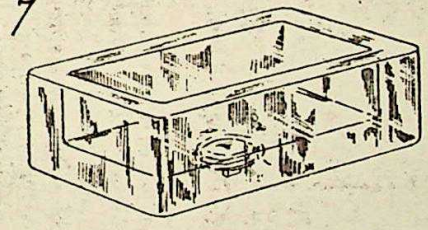
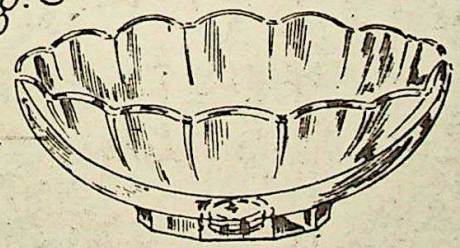


Fig. 8



RÈPUBLIQUE FRANÇAISE

MINISTÈRE
DE L'INDUSTRIE ET DU COMMERCE

SERVICE
de la PROPRIÉTÉ INDUSTRIELLE

BREVET D'INVENTION

Gr. 15. — Cl. 4. N° 1.112.342

Classification internationale : A 47 *g* — F 25 *d*

EXAMINER'S COPY
Div. 4 D

Récipient pour matières à rafraîchir.

M. Raoul-Samson LÉVY résidant en France (Haute-Vienne).

Demandé le 12 novembre 1954, à 13h 38m, à Paris.

Délivré le 9 novembre 1955. — Publié le 13 mars 1956.

12.215

La présente invention se rapporte aux récipients pour matières à rafraîchir, notamment aux vases, verres, bouteilles ou autres récipients destinés à la dégustation, au service et/ou à la présentation de boissons fraîches, telles que les apéritifs, jus de fruits, vins, bière, eaux minérales, alcools, etc.; elle s'applique également aux récipients tels que beurriers, coupes à fruits, etc.

Le rafraîchissement des boissons s'effectue, en général, en plaçant des morceaux de glace dans la boisson elle-même. Or, cette manière de procéder présente divers inconvénients : la fonte de la glace a pour effet d'altérer ou de réduire la saveur de nombreuses boissons; la glace est souvent imprégnée d'une odeur indésirable par les vapeurs du réfrigérateur; elle n'est pas toujours d'une propreté irréprochable.

La présente invention a pour objet d'éviter ces inconvénients et propose à cet effet un récipient remarquable notamment en ce qu'il comporte un compartiment réfrigérateur séparé par une cloison étanche de l'espace destiné à contenir la matière à rafraîchir.

Le compartiment réfrigérateur peut être réalisé soit d'un seul tenant avec le reste du récipient, soit sous la forme d'une partie indépendante. Il est muni d'une ouverture pour le chargement de la matière réfrigérante et d'un moyen d'obturation hermétique de cette ouverture.

Suivant deux possibilités de réalisation, le compartiment peut, soit pénétrer à l'intérieur de l'espace contenant la matière à rafraîchir par le haut ou par le bas, soit se trouver à l'extérieur dudit espace.

Les caractéristiques et avantages de l'invention ressortiront d'ailleurs de la description qui va suivre de quelques modes de réalisation choisis à titre d'exemples, en référence au dessin annexé dans lequel :

La figure 1 montre un vase suivant l'invention à compartiment réfrigérant intérieur;

La figure 2 représente un verre à compartiment réfrigérant extérieur;

La figure 3 montre une variante comportant un compartiment réfrigérant intérieur indépendant adaptable sur un verre ou récipient existant;

La figure 4 représente un compartiment réfrigérant indépendant en forme de socle;

La figure 5 représente un verre à dégustation de forme usuelle s'emboîtant dans une embase réfrigérante;

La figure 6 montre une bouteille à double paroi suivant l'invention;

Les figures 7 et 8 montrent des exemples d'application de l'invention à un beurrier et à une coupe à fruits.

Suivant le mode de réalisation choisi et représenté sur la figure 1, un verre à boire 1 comporte en saillie vers l'intérieur sur son fond, un compartiment réfrigérant 2 de forme tronconique ou similaire pouvant s'élever à une hauteur variable suivant l'axe du verre 1. Ce compartiment comporte à sa base, une ouverture de chargement obturable d'une manière hermétique par un bouchon vissé 3. La glace ou autre matière réfrigérante telle qu'un liquide à forte capacité frigorifique est introduite dans ce compartiment avant l'utilisation du vase 1.

Suivant la variante de réalisation de la figure 2, un compartiment réfrigérant 5 est ménagé autour du verre proprement dit 6; le chargement de la matière réfrigérante s'effectue ici encore par la base, par une ouverture obturable par un bouchon vissé 7.

La figure 3 montre un compartiment réfrigérant 10 de forme tronconique, solidaire d'un couvercle 11 destiné à se poser sur le bord d'un verre 12, le chargement de matière réfrigérante s'effectuant ici par le haut à travers une ouverture obturable par un bouchon vissé 13. Le couvercle 11 peut être ajouré si l'on désire que le liquide à rafraîchir obtenu dans le verre 12 reste en communication avec l'atmosphère. Pendant la consommation ou la dégustation de la boisson contenue dans le verre 12, le réfrigérateur 10 peut être posé sur une soucoupe par exemple.

Suivant l'exemple de réalisation de la figure 4, le compartiment réfrigérant 15 se présente sous la

Prix du fascicule : 100 francs.

forme d'un socle annulaire dont l'espace intérieur est adapté à recevoir par emboîtement la partie inférieure d'un verre 16 contenant le liquide à rafraîchir. Le chargement en matière réfrigérante du compartiment 15 peut être effectué soit par la base, soit autrement.

Le compartiment réfrigérant est constitué, dans l'exemple de réalisation de la figure 5, par une enveloppe ou embase 17 qui s'emboîte sur le verre 18 en épousant la forme extérieure de celui-ci. Cette enveloppe peut être réalisée en une matière souple transparente ou non (caoutchouc, matière plastique, etc.) dont le choix pourra être guidé par la recherche d'une conductibilité thermique aussi faible que possible, en vue de réduire au minimum les déperditions inutiles de froid vers l'extérieur.

Suivant le mode de réalisation de la figure 6, l'invention est appliquée à une bouteille autour de laquelle une double paroi détermine un compartiment réfrigérant 20 avec une ouverture de chargement 21 en matière réfrigérante dans le culot.

Les figures 7 et 8 montrent enfin respectivement un beurrier et une coupe à fruits à compartiment réfrigérant également formé par une double paroi.

L'invention n'est bien entendu pas limitée aux modes de réalisation choisis et représentés qui n'ont été donnés qu'à titre d'exemples : ceux-ci peuvent, au contraire, faire l'objet de diverses variantes en ce qui concerne notamment la forme et la présentation du compartiment réfrigérant. Ainsi, dans le cas d'une réalisation à compartiment réfrigérant du genre de celle de la figure 1, ledit compartiment pourrait être réalisé sous la forme d'une cartouche démontable pouvant se visser, par exemple, dans une ouverture ménagée à cet effet dans le fond du verre.

RÉSUMÉ

Récipient pour matières à rafraîchir, remarquable notamment par les points suivants pris séparément ou en combinaisons :

a. Le récipient comporte un compartiment réfrigérant séparé par une cloison étanche de l'espace destiné à contenir la matière à rafraîchir;

b. Le compartiment réfrigérant pénètre à l'intérieur de l'espace contenant la matière à rafraîchir;

c. Le compartiment réfrigérant est disposé autour de l'espace contenant la matière à rafraîchir;

d. Le compartiment réfrigérant comporte une ouverture de chargement munie d'un moyen étanche de fermeture;

e. Un compartiment réfrigérant indépendant est suspendu à un couvercle destiné à se poser sur le bord du récipient;

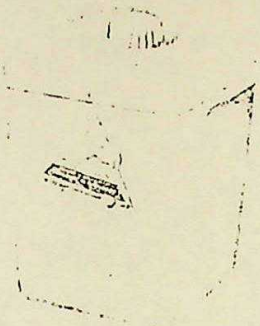
f. Le compartiment réfrigérant est réalisé sous la forme d'un socle creux adapté à recevoir, par emboîtement, la partie inférieure du récipient à rafraîchir.

RAOUL-SAMSON LÉVY.

Par procuration :

Cabinet J. BONNET-THIRION.

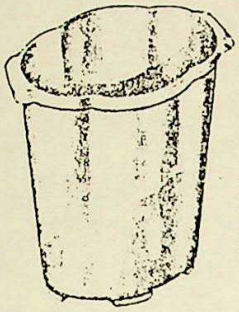
D7/523



B-30 B *DIAPER HAMPER*

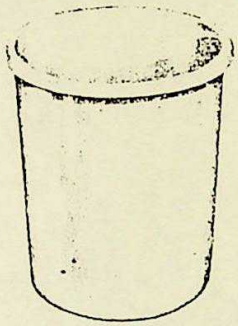
100% Hi-Impact Styrene *

Seamless UNBREAKABLE* bottom can't stain nor rust—easy to keep sanitary. Odor-sealing cover. 3 gal. size. 9½x11x12½ high. Pastel Y, P, B, Iv with White lid. Retail $2.98



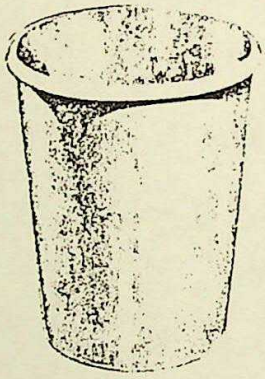
B-31 S *Polyethylene* CLASSIC OVAL FOOTED BASKET

Ideal for bedroom or bath, 11x7½x11 high with molded-in handles, reinforced rim and feet. Seamless, clatter-proof, can't scratch furniture or floors. Pastel Y, P, B, W. Stardust Y, P, B. Retail $1.49



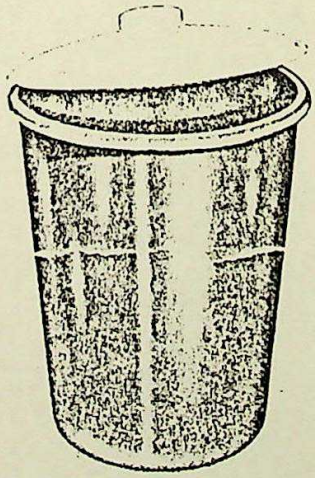
B-32 S *Polyethylene 15 qt.* ROUND WASTE BASKET

Popular size 11x12⅞ high with strong rolled rim for easy handling. Labeled. Colors R, Y, P, T. Stardust Y, P, B, also Office Gray. Retail $1.98



B-33 S *Polyethylene 24 qt.* ROUND WASTE BASKET

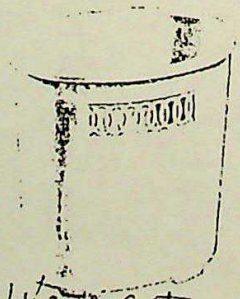
Ideal size for kitchen, workshop, office and institutions, 13¼x14¾ high with strong rolled rim top. Labeled. Colors R, Y, P, T, also Office Gray. Retail $2.98



B-34 S *Polyethylene 34 qt.* ROUND JUMBO BASKET

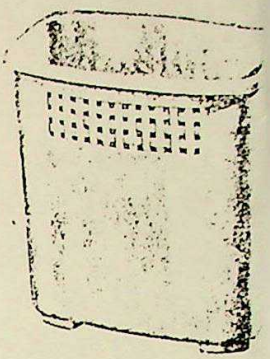
Jumbo size, 14½x17⅜ high with extra strong rolled rim for easy handling even when filled. Wonderful ice tub or picnic carry-all. Labeled. Colors R, Y, P, T, also Office Gray. Retail $3.95

B-34 CS Same 34 qt. basket as above with easy on and off polyethylene cover. Retail $4.95



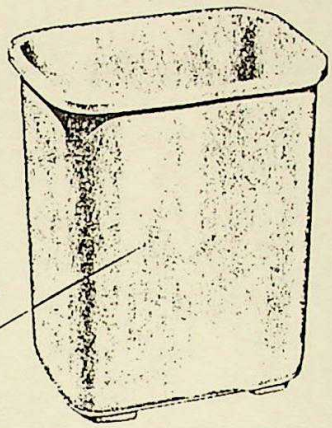
B-35 S *Polyethylene* Big 11 qt. OVAL BASKET

Elegant footed style 11¾ high. 8½x12 top with rolled rim and pierced design. Labeled. Pastel Y, P, B, W, Stardust Y, P, B. Retail $1.98



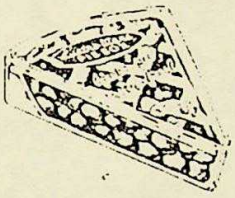
B-36 S *Polyethylene* 18 qt. OBLONG BASKET

Deluxe footed style with flanged rim and basketweave design. Matches deluxe bathroom accessories. 14" high, 8¾x13½" top. Labeled. Daisy fresh pastel colors Y, P, B, G. Retail $2.49



B-37 S *Polyethylene 32 q*
RECTANGULAR BASKET

Jumbo capacity in minimum spac —16¼ high, 11x14⅛ top wit molded-in feet. Strong flange rim for easy handling eve when filled. Doubles for al purpose leak-proof containe Labeled. Colors R, Y, P, T, als Office Gray. Retail $3.4



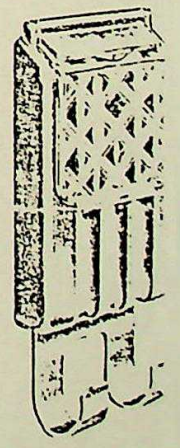
B-40 *PIE BOX* Cover seals . . . fits lunch box. Display insert. Color C. Retail 19c

B-41 *SANDWICH BO*
Lies flat in lunch box. Visual a play insert. Color C Retail 25

B-42 *CAKE BOX* Holds wedge of cake; reverse cover to make square container. Display insert. Color C. Retail 29c

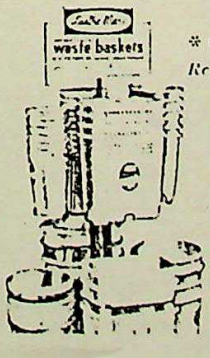
B-43 COVERED BOWL—7½ oz.

The perfect leak-proof lunch box or refrigerator container with polyethylene snap-seal cover. Full color display insert label. Color C. Retail 15c



B-50 *MAIL BOX*

Big, sturdy rust-proof and weather-proof. Has protected letter slot and large crystal cover is of acrylonitrile for added strength. Sturdy magazine holder is of tough impact styrene. Box 6x10½x2—overall height 14. Colors Bk, Cp, Br. Retail $1.98



* Guaranteed UNBREAKABLE for 1 year in he

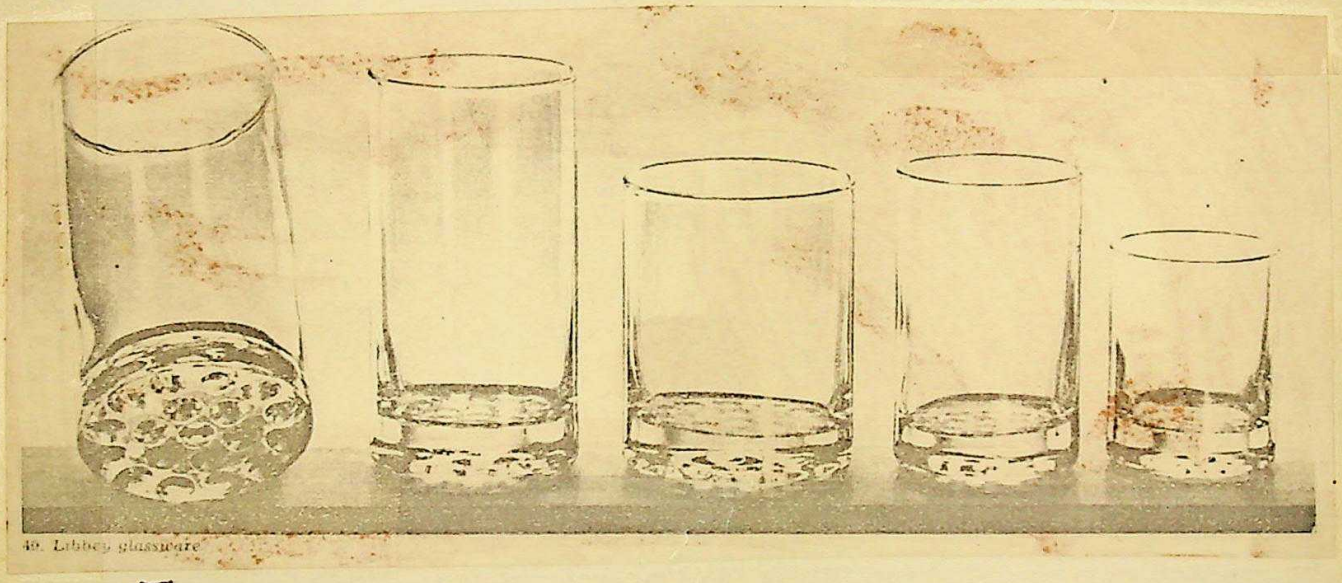
Refer to page 2 for complete color code ident

BT-8 *BASKET TREE Display Stand with 46 piece asst. of popular sizes of polyethylene waste baskets.*

opy in
XD 7-76
P3
Lustro Ware Cat.
NO503-A
Spring 1953

~~D36-8.F~~ 92
D7-~~15~~ 523

Industrial Design
Dec. 1963
p. 73
Panel 40



40. Libbey glassware

LIBBEY GLASSWARE

~~D44-9.B~~ 92
D7/~~B~~523
p. 560 7/64

AUER-WETTBEWERBES 1963

Vom Dezember 1963 bis April 1964 war an der Staatlichen Höheren Fachschule für das Edelmetallgewerbe in Schwäbisch Gmünd für derzeitige und ehemalige Studierende der anläßlich des 100jährigen Geschäftsjubiläums gestiftete Hermann-Bauer-Wettbewerb erstmals ausgeschrieben.

Verlangt war der Entwurf einer Garnitur silberner Becher, auch in Verbindung mit anderen Werkstoffen, für Bier, Wein und Whisky.

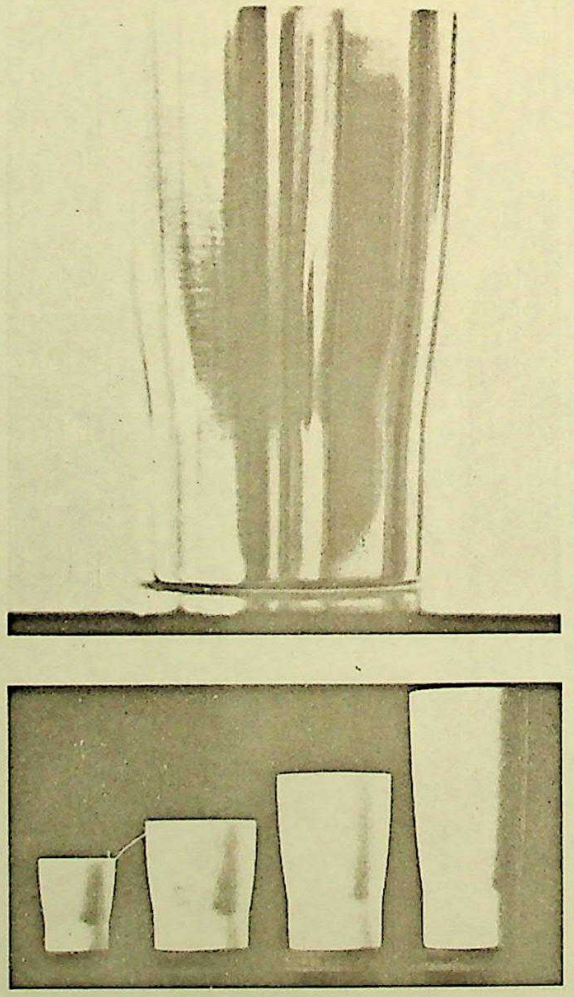
Insgesamt waren 34 Entwürfe und Modelle eingegangen.

Das Preisgericht, dem als Vertreter der ausschreibenden Firma die Herren Hermann Bauer sen., Eugen Bauer und Hermann Weingärtner und vom Kollegium der Schule die Professoren Lochmüller, Dittert und Nuß und Dozent Lutz angehörten, trat unter dem Vorsitz von Herrn Prof. Walter Lochmüller am 10. April 1964 zusammen.

Die eingesandten Entwürfe wurden in drei Wahlgängen gesichtet. Beim ersten Wahlgang schieden 7 Entwürfe aus und beim zweiten Wahlgang 14 Entwürfe. Von den in engere Wahl gezogenen 13 Entwürfen wurden 2 weitere ausgeschieden. Die verbliebenen 11 Entwürfe entsprachen der Zahl der Preise, Belobungen und Anerkennungen. Aus ihnen wurden nach eingehenden Beratungen und Aussprachen die 4 vorgesehenen Preise, 5 Belobungen und 2 Anerkennungen wie folgt ermittelt:

1. Preis	Lothar Stütz	Schwäb. Gmünd	DM 500.–
2. Preis	Eberhard Meurer	Künzelsau	DM 400.–
3. Preis	Peter Tannheimer	St. Gallen/ Schweiz	DM 300.–
4. Preis	Roland Vetter	Welzheim	DM 200.–
Belobung	Fred Danner*	Heilbronn	DM 100.–
Belobung	Hermann Maier	Geislingen	DM 100.–
Belobung	Peter Tannheimer	St. Gallen/ Schweiz	DM 100.–

1



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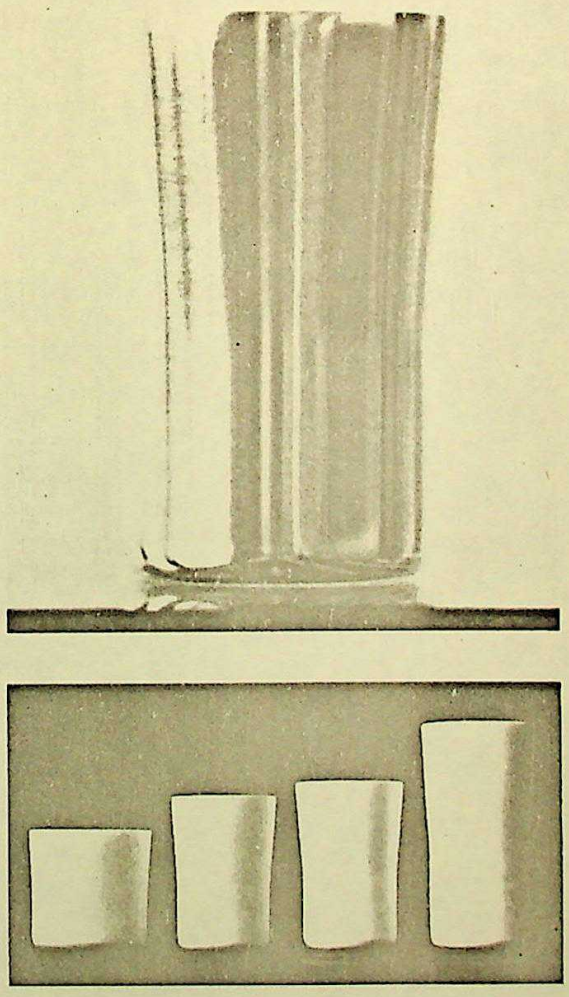
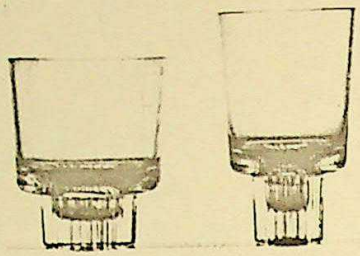


92
XD 7/13523

Glass artware for Rosenthal

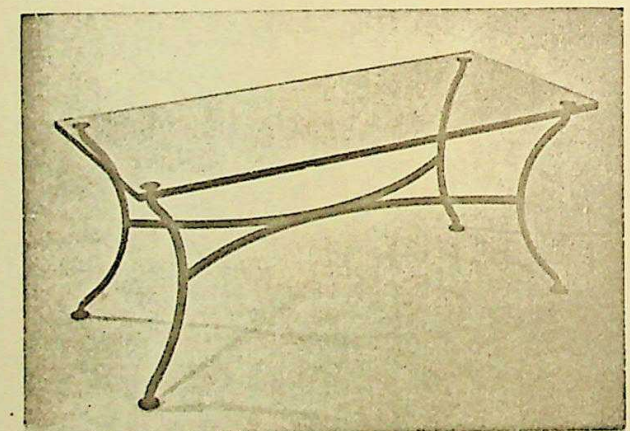
Finnish designer, Tapio Wirkkala, has designed a collection of glass artware for Rosenthal China Corporation, 21 East 26th Street, New York. He uses a flashed glass technique developed in the days of the Roman Empire, now improved



by modern methods (see photo above). Colored glass is poured in layers over a clear glass base; both are fused together to create deep and luminous colors of violet, deep green, Burgundy, terra cotta blue.

Cylinder-shaped miniature lamps

Koch & Lowy Inc., 201 East 34th Street, New York, source for contemporary lighting fixtures and lamps, announces the 1100 series—new design collection of miniature lamps which use standard bulbs as well as 30 or 50 watt R20 Reflector bulbs which guarantee 2,000 hours of 100 to 150 watts of light. The reflector, cylindrical in shape, measures three by six inches. A variety of mounts permit them to be hung at any angle on short or long stems—to swivel, swing, extend, clip on, or be used as desk lamps. Metal finishes are of polished or satin brass or chrome; there are 10 lacquer colors.



No. 552 Iron Base — Natural iron finish
24" x 48" top

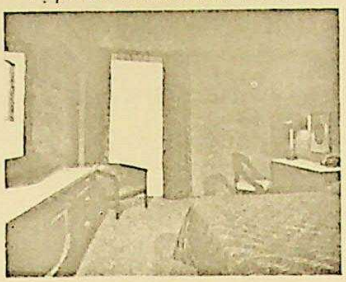
(Also available in leaf or lacquer finishes)

From our exciting new collection of cocktail tables . . . dramatically styled to harmonize with Traditional, Contemporary and Oriental settings.

I. Schwartz
GLASS & MIRROR CO.
412-418 East 59th Street, New York 22 PLaza 9-7866
Manufacturers of
VENETIAN MIRRORS • MIRRORED FURNITURE
COMPLETE MIRROR INSTALLATIONS
Write for Catalogue I

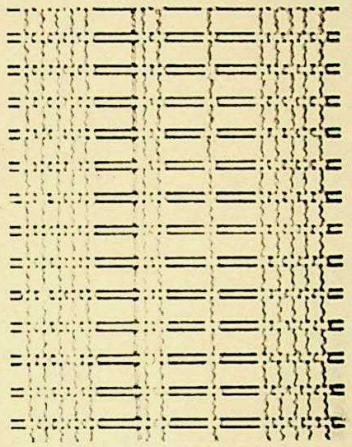
TROPICRAFT . . .
specified for the San Francisco Hilton Hotel

Typical room in S. F. Hilton



ECONOMICALLY PRICED . . . TROPICRAFT'S Pebble Beach #2 design was specified for all guest rooms with exterior windows by the San Francisco Hilton Hotel.

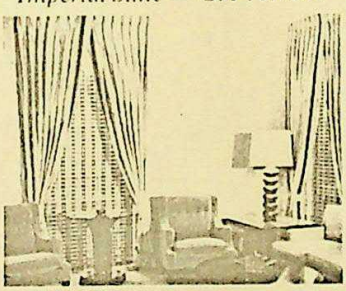
Pebble Beach #2



SPECIFICATIONS:
WEFT: ¼" white slats with alternating reeds.
WARP: White yarns accented by a double gold metallic thread.

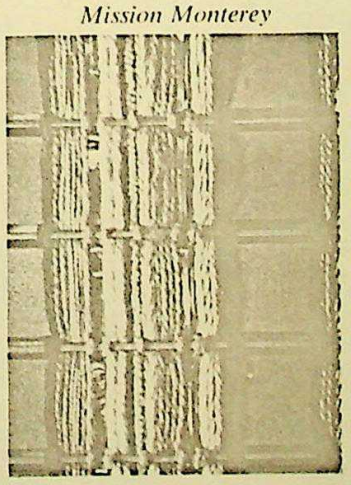
Designed to operate as accordion pleated shades covering floor to ceiling windows; TROPICRAFT'S Pebble Beach #2 design (the leading design in the field of economy priced woven-woods) adds warmth and dignity to decorative rooms.

Imperial Suite — S. F. Hilton



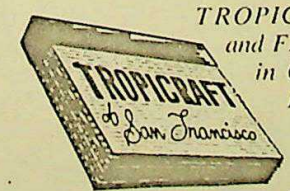
CUSTOM DESIGNED . . . TROPICRAFT'S hand woven — custom designed Mission Monterey was specified for the Imperial Suite of the San Francisco Hilton Hotel.

Mission Monterey



SPECIFICATIONS:
WEFT: 1½" walnut slats with alternating reeds.
WARP: Heavy textured yarns of rust, gold, burnt orange, and beige — accented by a ¼" gold metallic band.

Only the best and finest materials were used in decorating the Imperial Suite of the San Francisco Hilton, and TROPICRAFT — the originator and leading manufacturer of woven-woods, was selected for its window treatments.



TROPICRAFT'S STOCK, CUSTOM, MISSION and FANTASIA design series are NOW available in ONE presentation book. 40 designs — size 14" x 20" — Cost $35.00.

Also YOUR own designs and colorways are available . . . inquire for complete particulars.

TROPICRAFT of San Francisco
DESIGN STUDIOS
868 Howard St. San Francisco 3, Calif.
Phone: YUkon 2-4157
Since 1932
DRAPERIES • SHADES • SCREENS • DIVIDERS • MOVABLE WALLS • WALL COVERING

~~D36 8.F~~ 92
XD 7/~~15~~ 523

GemStone

Sparkle! Color! Texture! Price! Your new glassware "fashion" from Anchor Hocking—designed to win a big market of knowing young shoppers looking for something unique.

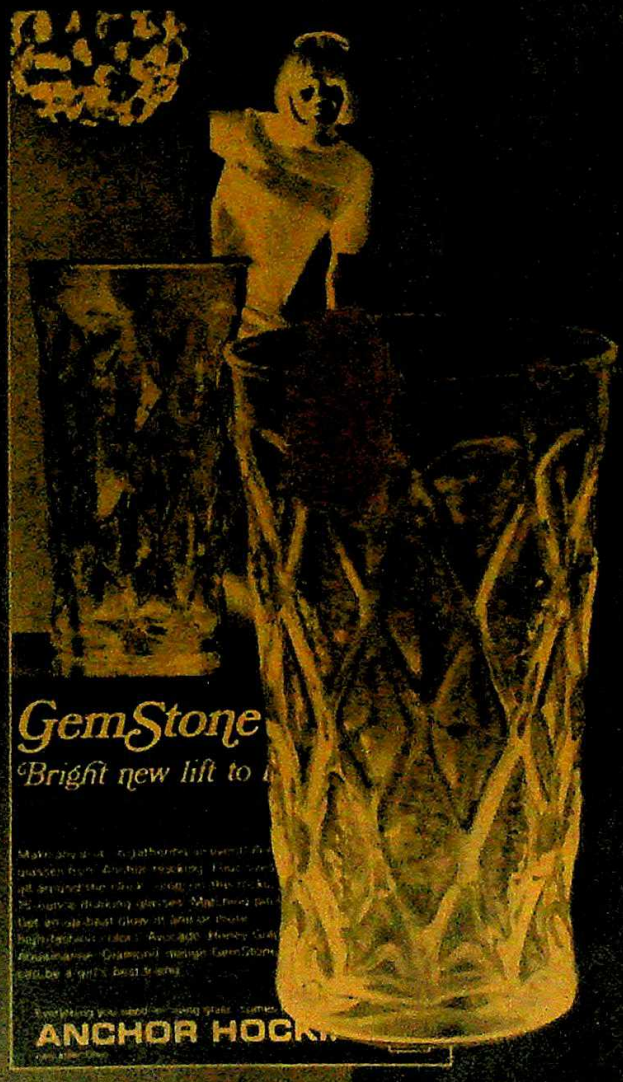
Four sizes: juice, on-the-rocks, 12-oz. and 15-oz. beverage, and a 70-oz. ice-lip pitcher. Full line. Short line. Keeps your inventory problems small.

Pre-sold? Sure! Full-color national ads from April showers to June weddings . . . on into summer lemonade-drinking time.

Shelf-promoted? Sure! Price-rail "grabbers," point-of-decision display materials, plus newspaper mats in three different sizes.

Ready to ship? Sure! Order now, get the colors and sizes you know will move in your sales area.

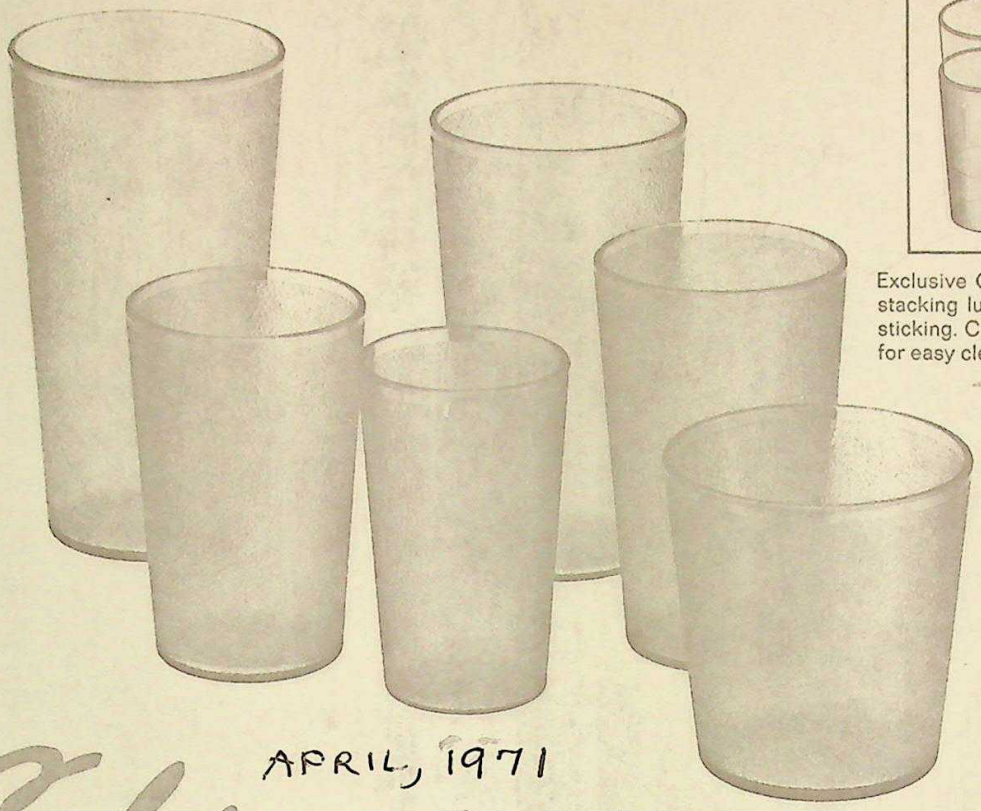
Avocado · Honey Gold · Aquamarine · Crystal

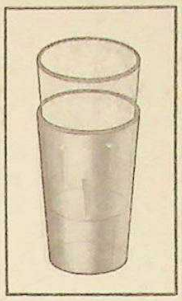


Go With the Action Line
Go With ANCHOR HOCKING
LANCASTER, OHIO

XD 7/15
523

CAMBRO





Exclusive Cone-Vex stacking lugs eliminate sticking. Contour designed for easy cleaning.

APRIL, 1971

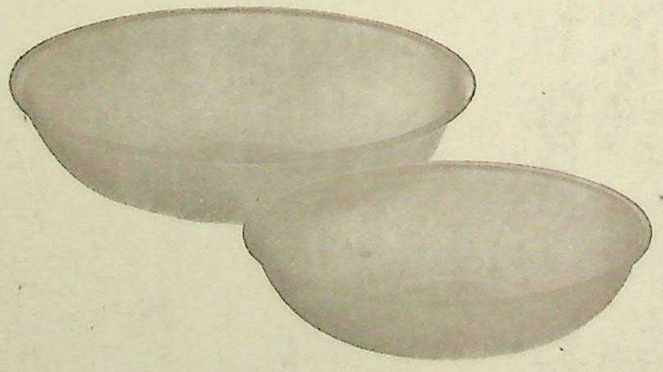
Colorware

p. 15

FOODSERVICE EQUIPMENT DEALER

The Year 'round Money Maker

The extra touch of beauty, durability and economy that Colorware Tumblers and Salad Bowls bring to your customer's table settings, give them a high saleability — all year long. Available in rich vibrant colors of Green, Amber, Turquoise, Ruby Red and Clear, Colorware is dishwasher safe, easily cleaned and virtually shatterproof under normal use. Now is the time to take full advantage of the special Colorware promotion currently setting new sales records. For all details, contact your local Cambro Representative listed on the opposite page.



Colorware Tumblers add an extra zest and sparkle to every beverage! Textured exteriors provide a safe gripping surface. Convenient stacking. Smooth, easy-to-clean interiors. Available in the five sizes of 5, 8, 9, 9½, 12 and 16 ounces.

Colorware Bowls make every salad look crisper, fresher, and more taste-tempting! Greens, fresh vegetables and fruits "come alive" when served in color-coordinated Colorware Salad Bowls. Available in 6-inch and 8-inch sizes.

CAMBRO, INC.

P.O. Box 2000, Huntington Beach, California 92647

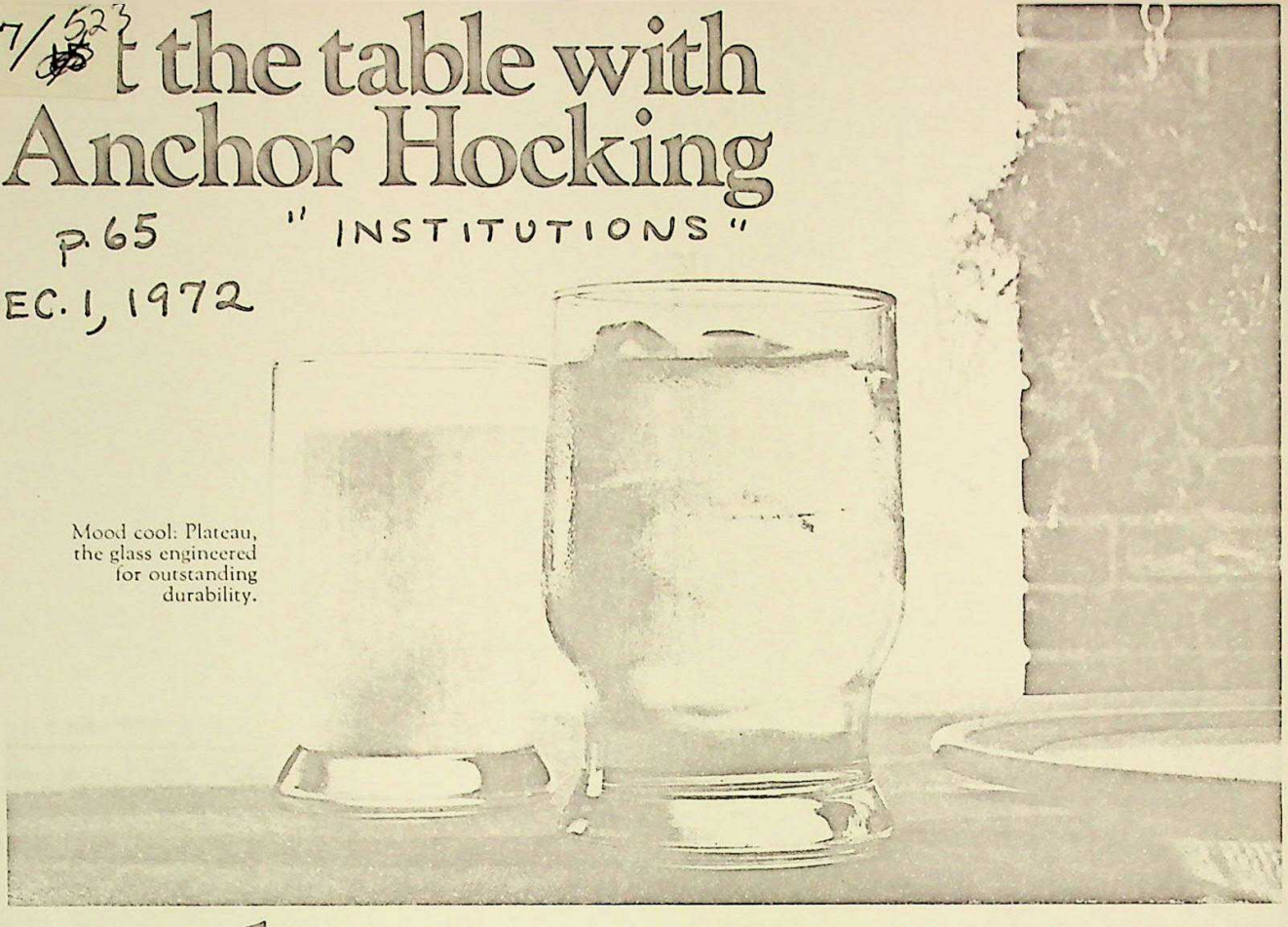
Circle 14 on Reader Service Card

D 7/523

t the table with Anchor Hocking

p. 65 " INSTITUTIONS "

DEC. 1, 1972



Mood cool: Plateau, the glass engineered for outstanding durability.

...and set any mood you want.

Take Plateau, the sculptured beauty above. It's our exclusive *engineered* glass. Designed to create a cool, sophisticated mood. Engineered to last three to five times as long as the average institutional glass.

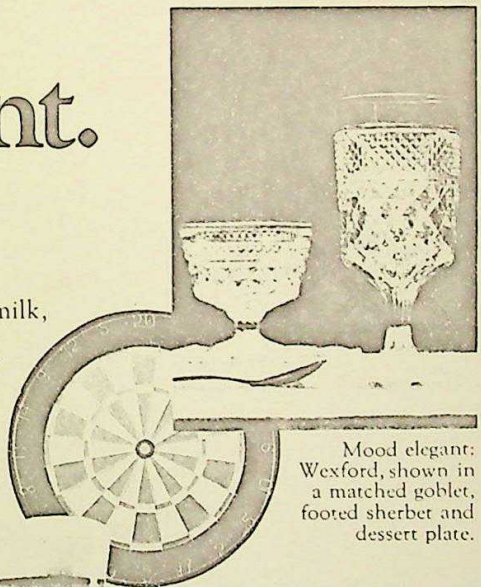
It has a heat treated upper third, a heavy duty bumper and an extra heavy base. And it comes in the six standard commercial sizes: water, milk, on-the-rocks, iced tea, juice and tall tumbler for other beverages.

That's just for openers. Anchor Hocking has over 500 items specially designed for the food and lodging industry. Styles for moods from elegant to quaint, from formal to mod.

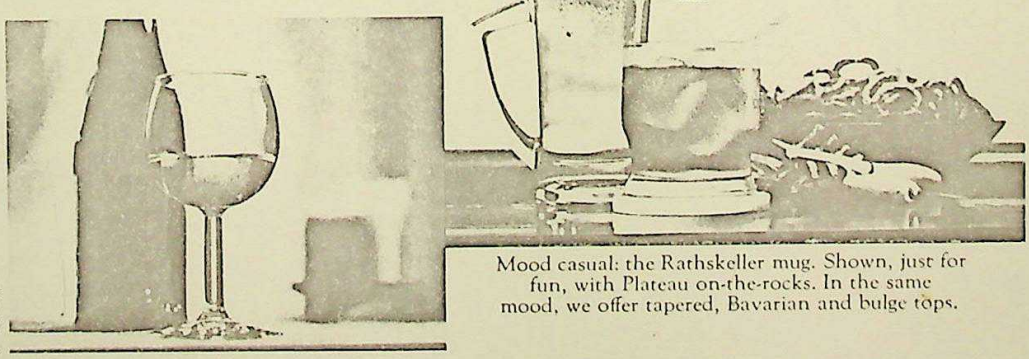
Ask your dealer to show them all to you. You'll find one that just suits your mood and requirements.

ANCHOR HOCKING

Lancaster, Ohio 43130



Mood elegant: Wexford, shown in a matched goblet, footed sherbet and dessert plate.



Mood formal: La Reine, one of many stemware styles we offer in all sizes.

Mood casual: the Rathskeller mug. Shown, just for fun, with Plateau on-the-rocks. In the same mood, we offer tapered, Bavarian and bulge tops.

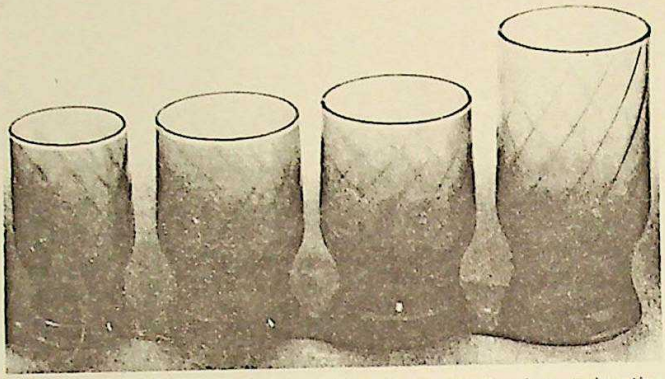
CIRCLE 11 ON READER REPLY CARD

D7/~~B~~523

INSTITUTIONS/VOLUME FEEDING

APRIL 15, 1973

p. 128



Glasses with lower "strike zone" that reportedly gives twice the service life of ordinary heat-treated glasses. Designed so point of impact is in lower third of glass where walls are thickest and strongest. Heat-treated to resist chipping and cracking. Available in juice, water, milk and iced tea sizes. **Anchor Hocking.**
528 ON RETRIEVAL CARD

Sandwich Bar 4-feet long with 12 cubic foot capacity. Features stainless steel interior, top, face, ends and doors; stainless steel fold-back cover; and adjustable chrome-plated shelves. Urethane insulated doors have permanent mounted magnetic gasket. Circulating cold air system is fully self-contained with hermetically-sealed refrigeration system and compressor complete with automatic defrost. **Progressive.**
543 ON RETRIEVAL CARD

Maintenance Guide 32 pages providing detailed information on roof and floor repair precedures and products. Contains illustrated data on product application and practical suggestions for solving maintenance problems easily and at low cost. **F.A. Wilson Co.**
535 ON RETRIEVAL CARD

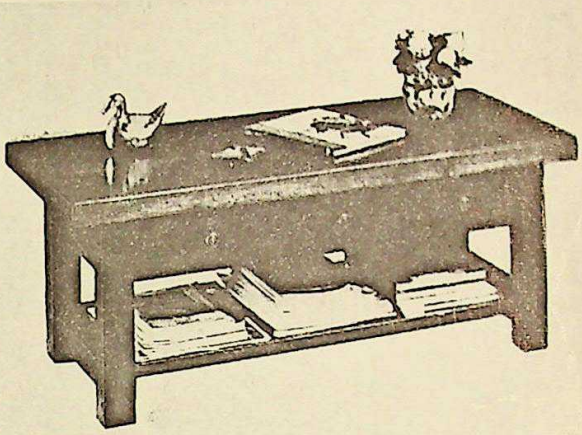
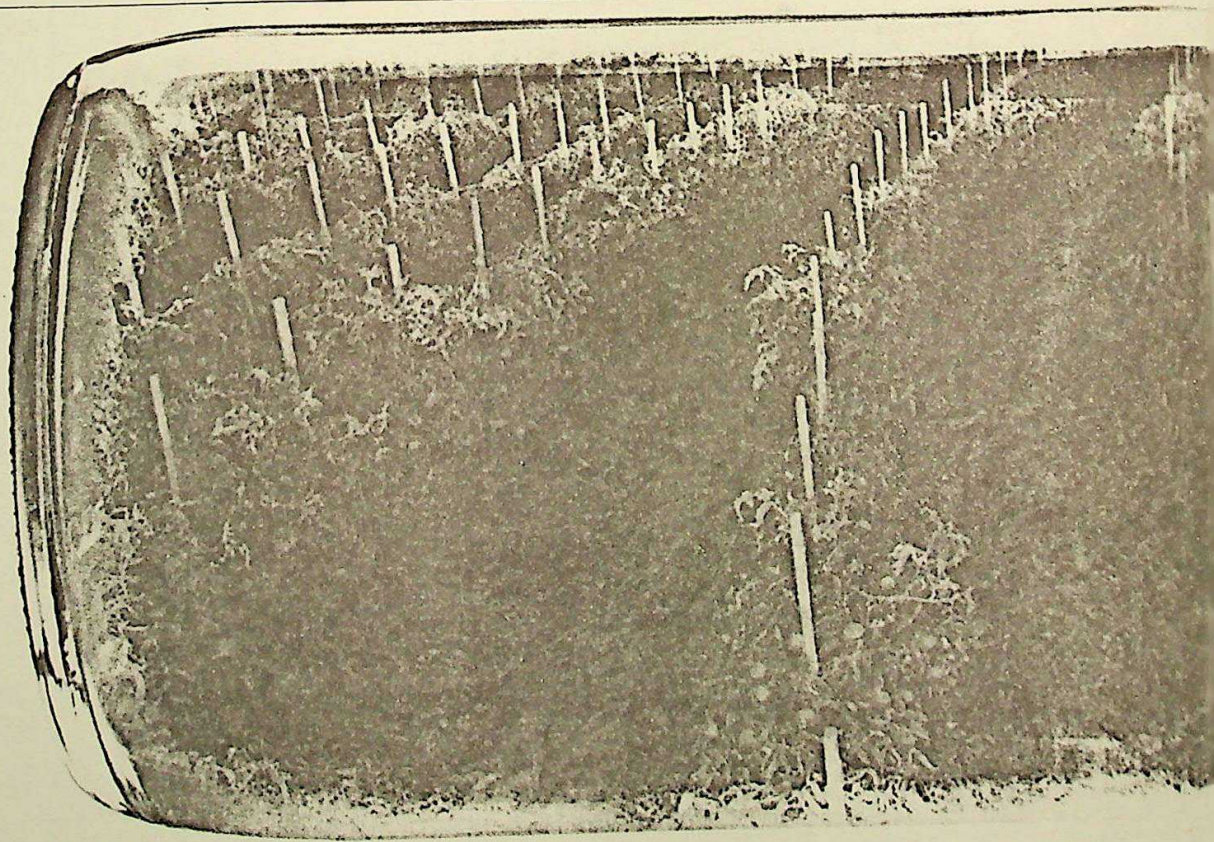


Table made of 1-3/4 in. thick hewn northern pine. Lined to blend with any manner or style of traditional furnishings. Stands 16" [illegible] high, 20 in. wide, 44 in. long. Square cut. Fit with 3 brass pulled long drawers and pegged slatted shelf underneath. In Honeytone or Antique pine finishes. **Yield House.**
517 ON RETRIEVAL CARD



Hunt's quali

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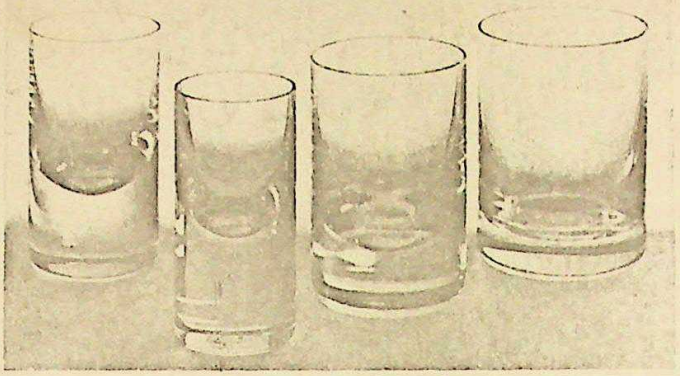
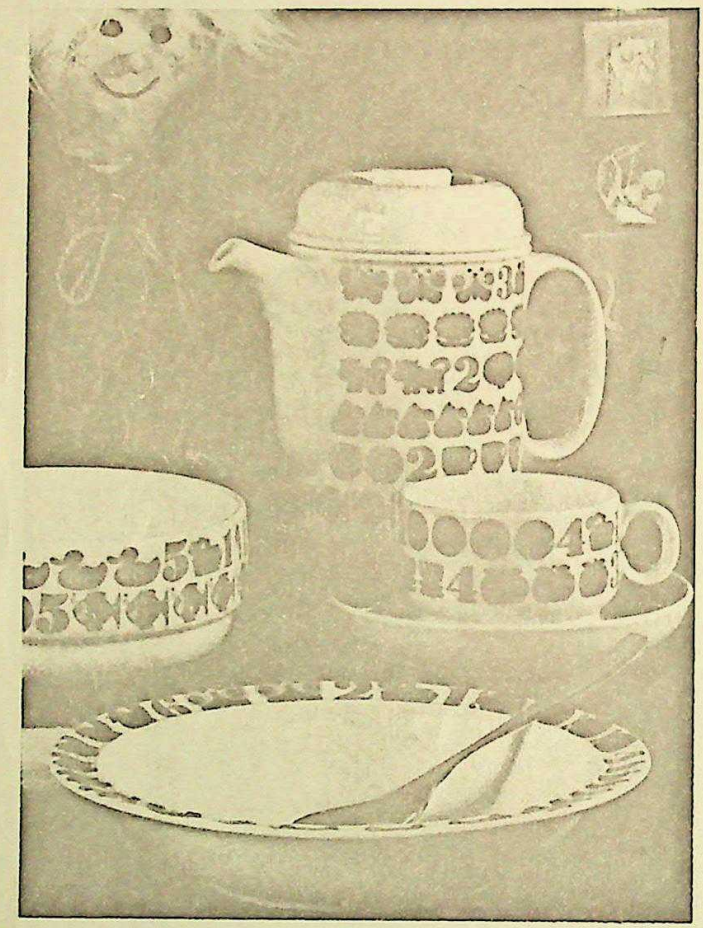
NEW PRODUCTS IN PICTURES

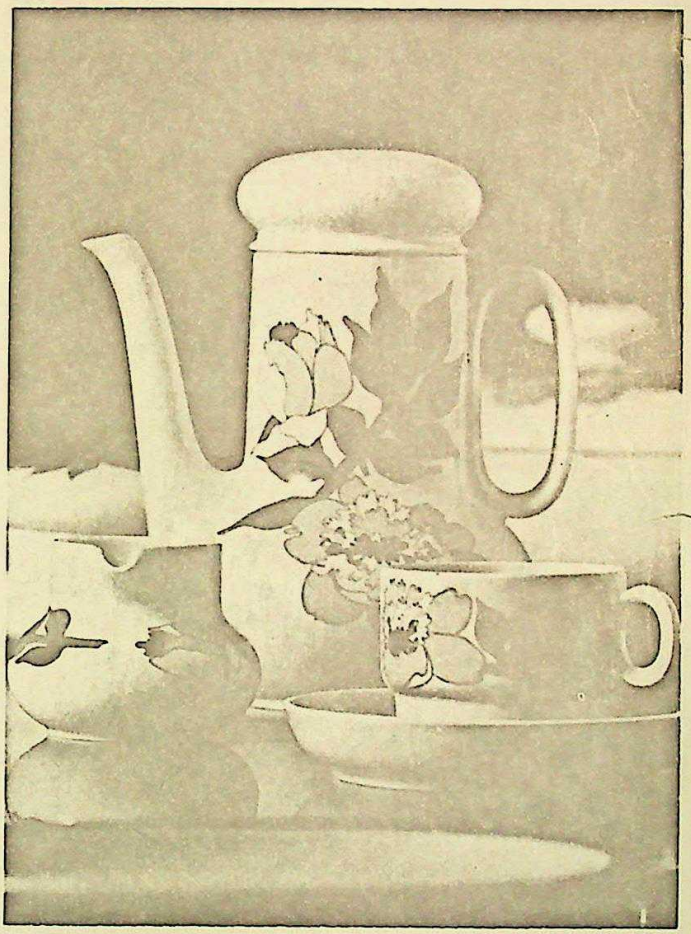


Left: Tir-table is a new range of crystal glassware from Baccarat available in Britain through Anne Duff of Univer. The illustration shows a white wine, sherry, red wine and water.

Below: A children's set from Thomas China brought to Britain by Thomas China (London) Ltd.



Below: A new pattern called Paonie on the Kiruna shape by Thomas China. Brought to Britain by Thomas China (London) Ltd.



Left: Tom and Jerry cartoon characters are subjects of the latest figurines from George Wade and Son Ltd. The recommended price for the pair in Britain is 99p.

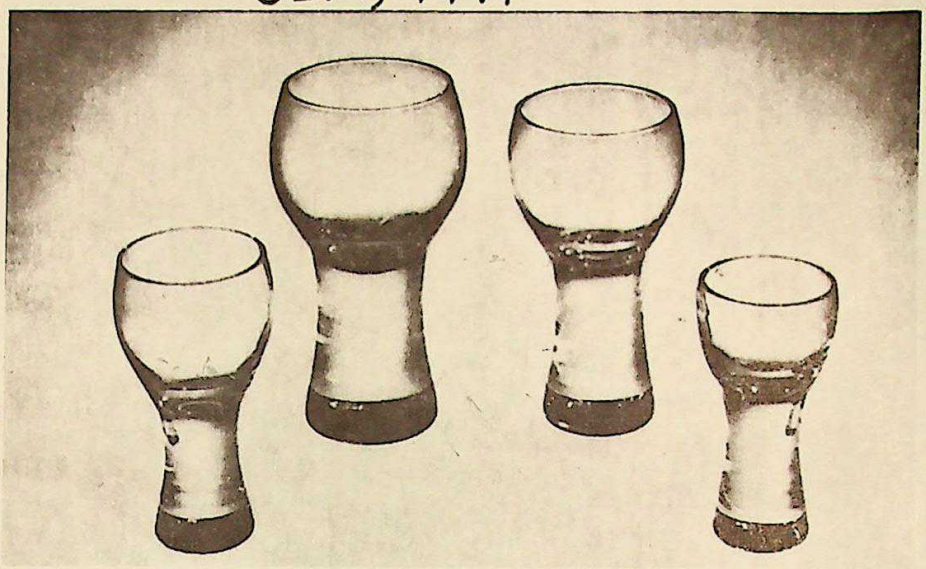
Right: A decorated watering can from Portugal imported into Britain by J Wuidart and Co Ltd. Intended for floral displays it stands 9½ inches high. The suggested retail price per can is £3.60 in Britain.

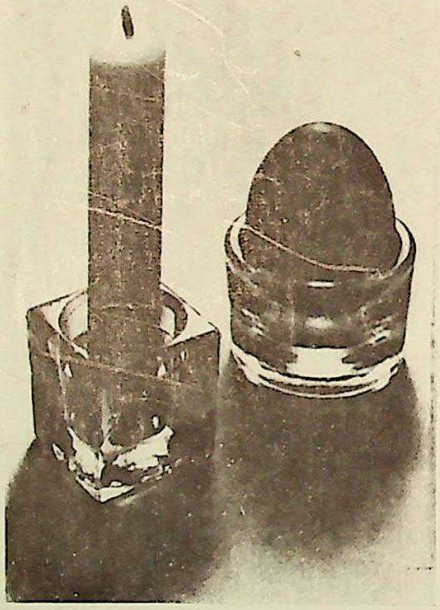
D7/B523

TABLEWARE INTERNATIONAL
SEPT, 1974

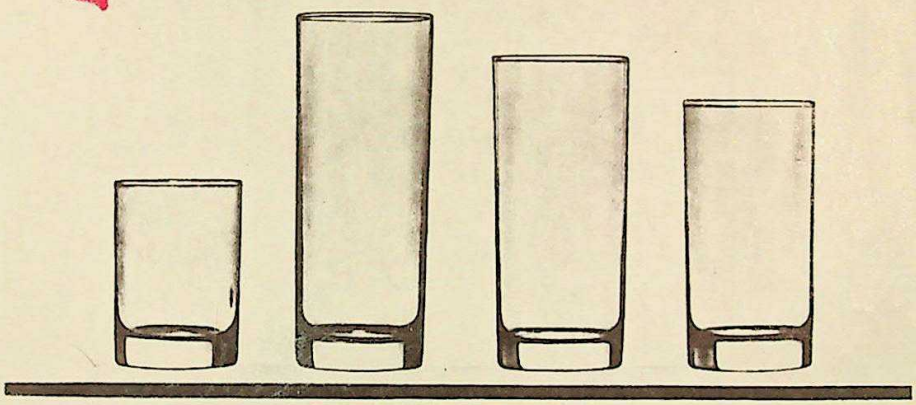
Design approved

Produced through the co-operation of the Design Council, this feature shows items which have been added to the Design Index in recent months.



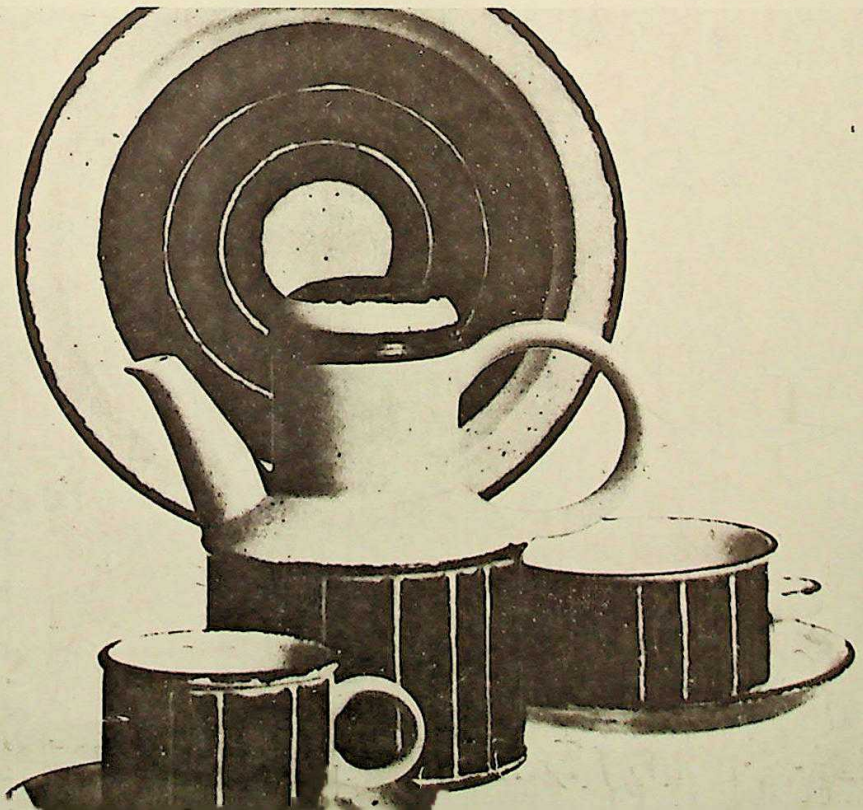


Egg cup and candle holder in clear glass from Xlon Ltd., Xlon House, Glyn Street, London SE11 5JG.



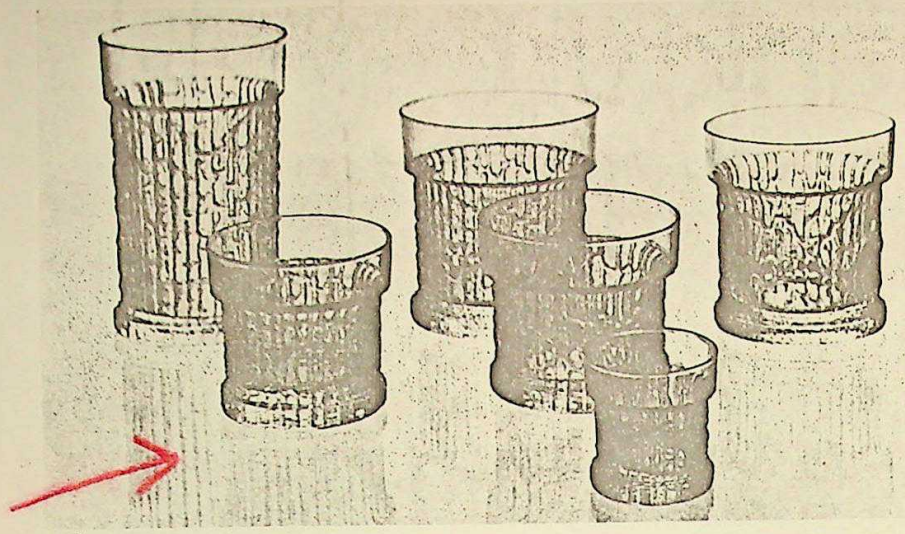
Top right.
Made by Caithness Glass Ltd., Harrowhill, Wick, Caithness, the sherry, wine and liqueur glasses and goblet shown here are from the company's Canisbay range.

Centre right.
Slim Jim tumblers from The Ravenhead Co. Ltd., Pyrene House, Sunbury Cross, Sunbury-on-Thames, Middlesex TW16 7AX.



Bottom right.
Midwinter's Stonehenge range is made of ball clay, china clay, flint and stone with ceramic screen transfer in shades of brown. This pattern is called Earth. Midwinter is a division of Josiah Wedgwood and Sons Ltd., Burslem, Stoke-on-Trent.

continued from previous page



the sole purpose of showing its giftware collection. Well received were the new floral patterned lamps. Hand painted porcelain pictures and vases by Hutschenreuther's own Persian designer were offered as collector's pieces.

Art Nouveau-inspired designs formed an important trend in many collections throughout the fair. On the stand of **WMF,** Lean Valaitis designs were introduced in glass lamps and vases.

Gralglas and its subsidiary, **Leichlingen,** again introduced many new items in Frankfurt. Among them was an aubergine colour added to the Nostalgia collection, as well as new fruit bowls and a new shape for the crystal teapot heater. This does away with the tea cosy and is in clear glass that will not crack from the heat of the small candle light inside. Another popular item on the Gralglas stand was a new crystal rum pot with lid. A hand made small crystal petrol lamp was Leichlingen's contribution to new decorative table items.

New vases

BAY Keramik offered a new collection of gift-packed vases with matching artificial flowers, while **Bayerische Metalwarenfabrik** added some attractive painted glass beer mugs to its extensive collection. **Goebel** concentrated on additions to the popular bird series and hand painted annual wall plates for children, as well as an Easter collection of rabbits, chicks and eggs for table decoration.

Additions to its bird collection were shown by **Royal Worcester** (exhibiting independently for the fifth time in Frankfurt). A spokesman for the company said German business had expanded considerably through Frankfurt and that further expansions were planned.

Top: These new glasses from iittala come in six different sizes

Centre left: BAY Keramik's Blumenpflege set, with matching watering-can

Centre right: Ideal for all occasions, Villeroy and Boch's Botanica range was a great success at Frankfurt

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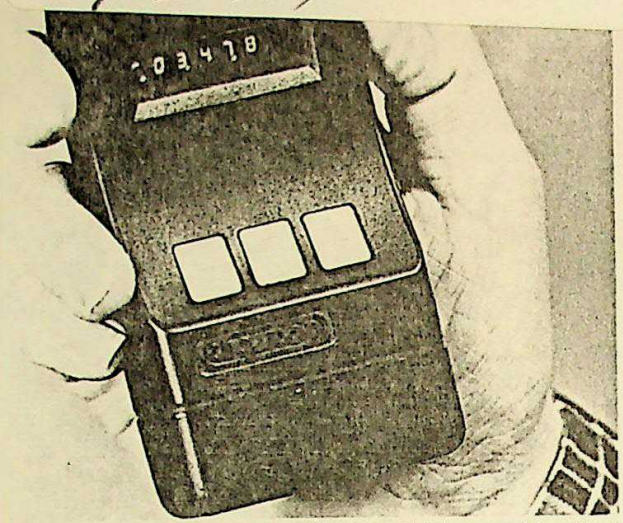
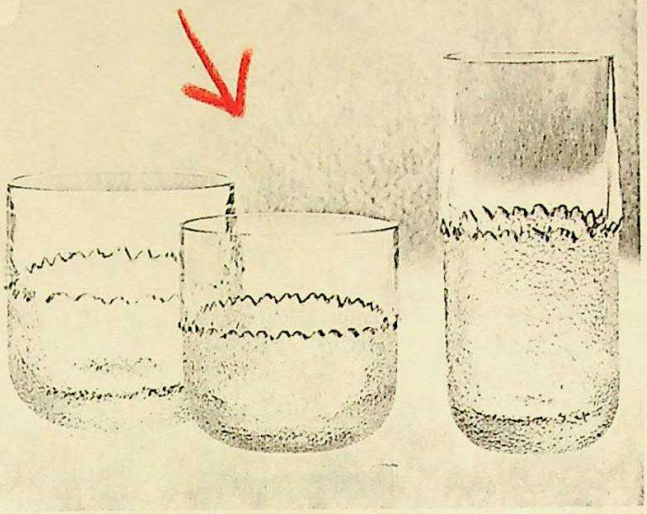
DOMUS APRIL 1977 P. 725



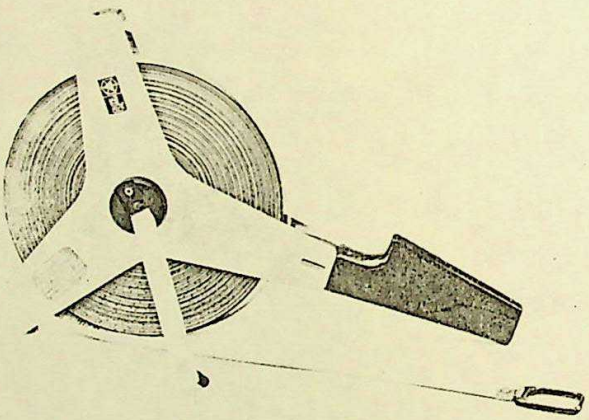
metro digitale «Digistop», con ...ra che può registrare con... mente cinque tempi. Se... minuti, i secondi e le frazioni ...ondo fino ai millesimi.
Janic, Stoccolma.

«Digistop» digital stopwatch, with a unique memory which permits five times to be measured simultaneously. It indicates minutes, seconds and 1/10ths, 1/100ths and 1/1000ths of a second.
Prod.: Janic, Stockholm.



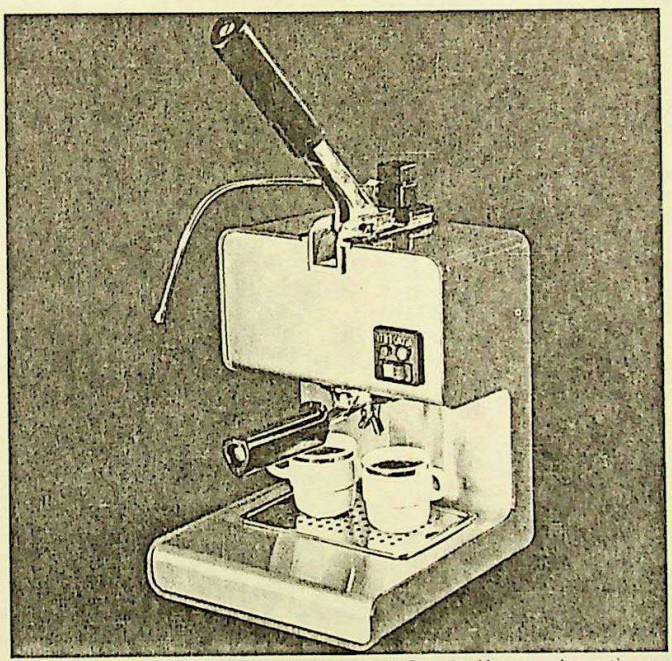
Bicchieri in cristallo della serie «Sami».
Design: Sami Wirkkala.
Prod.: Arnolfo di Cambio, Colle di Val d'Elsa (SI).

Crystal glasses of the «Sami» series.
Design: Sami Wirkkala.
Prod.: Arnolfo di Cambio, Colle di Val d'Elsa (Siena).



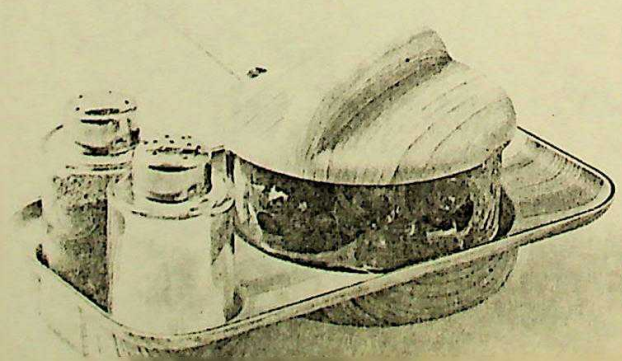
metro flessibile «Stabile» in po... mide Misura 50 metri.
Kramer Edwin E., Milano.

«Stabile» polyamide metric jack. Measures 50 metres.
Prod.: Kramer Edwin E., Milan.



«Mini Gaggia Vapor», macchina per preparare in casa caffè espresso, cappuccino o the. È disponibile in diversi colori vivaci.
Prod.: Aplimont, Barcellona.

«Mini Gaggia Vapor», domestic expresso coffee and tea machine, available in several bright colours.
Prod.: Aplimont, Barcelona.



D7/523

The end of the naked drink.

GIFTS & DECORATIVE ACCESSORIES P.63 MAY, 1978

Any decent cocktail should be clothed before it's seen in public. So should coffee. Or any hot or cold beverage. Which is why Copral now introduces a fashionable brass and copper wardrobe to dress up all kinds of drinks. Sensational-looking hand-crafted serving pieces with handsome glass and ceramic accessories that'll serve up customers right and left. Because if the obvious, traditional Copral craftsmanship doesn't get them, the moderate Copral prices will. And you can drink to that. For the nearest rep and a free, good-looking 4-color catalog of the widest line of old-world, hand-crafted coperware available anywhere, just call toll-free (800) 243-3028 or write.

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P.160 THE NEW TIFFANY TABLE SETTINGS
BY LORING & PLATT

SUPPER WITH ARTHUR SMITH

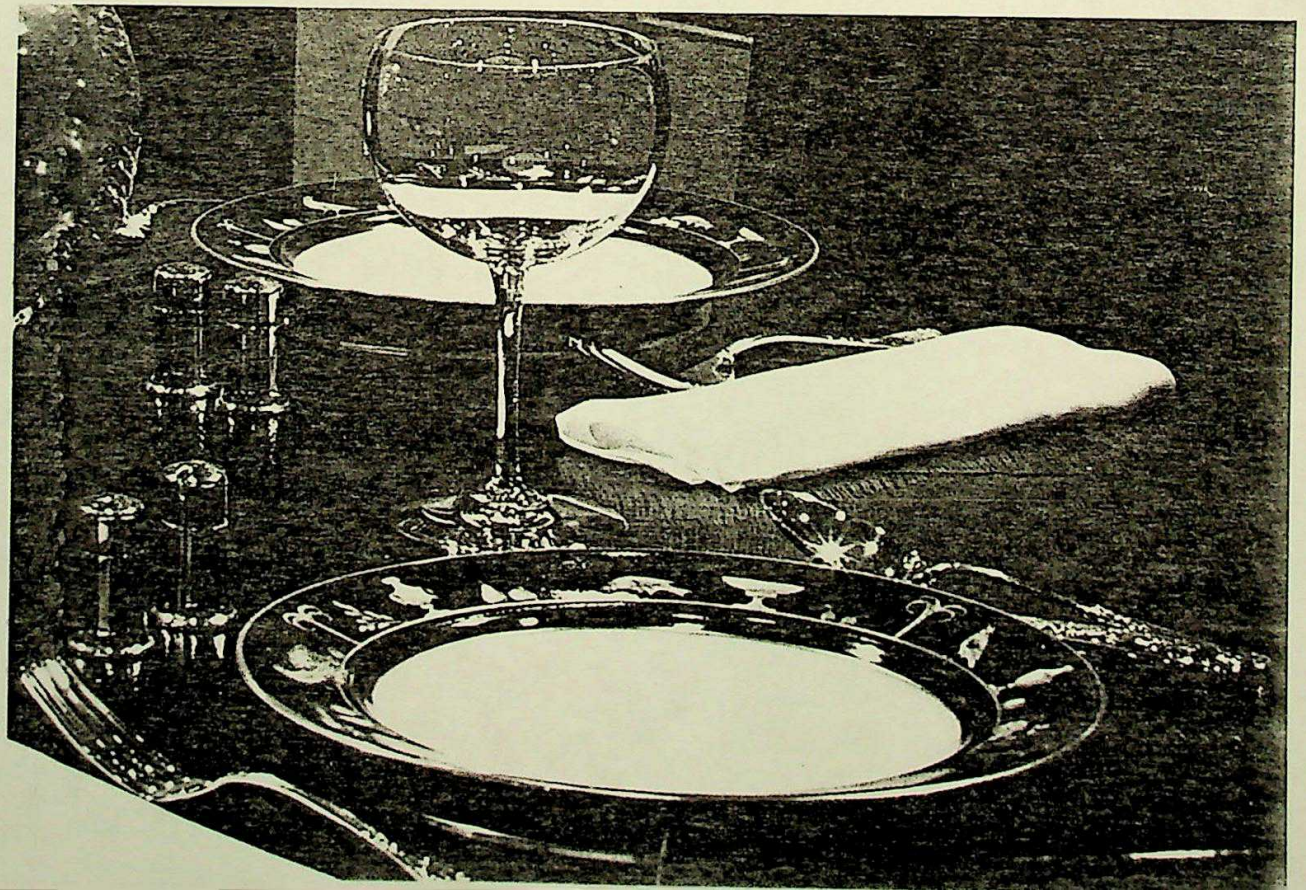
Arthur Smith

Among the most significant design discoveries of the late seventies and beginning of the eighties are the works of Jean-Michel Frank and Émile Jacques Ruhlmann, Eileen Gray and Suë et Mare, of Décorchemont, René Lalique, and Jean Dunand, the masters of 1920s French Art Deco.

Young New York designer Arthur Smith has been a leader in the revival of these great artist/craftsmen.

With a strikingly spare and luxurious setting of "Black Shoulder" porcelain, "Audubon" vermeil, and "All-Purpose" wineglasses based on a pedestal table of his own invention, he uses a splendid set of Jean-Michel Frank dining room chairs and a masterful screen by Eileen Gray constructed of irregular cork-covered panels.

Constantin Brancusi's brass sculpture "Sleeping Muse" acts as a centerpiece.



СОЮЗ СОВЕТСКИХ СОЦИАЛИСТИЧЕСКИХ РЕСПУБЛИК

(19) SU (11) 1253614 A1

(51) 4 A 47 G 19/22

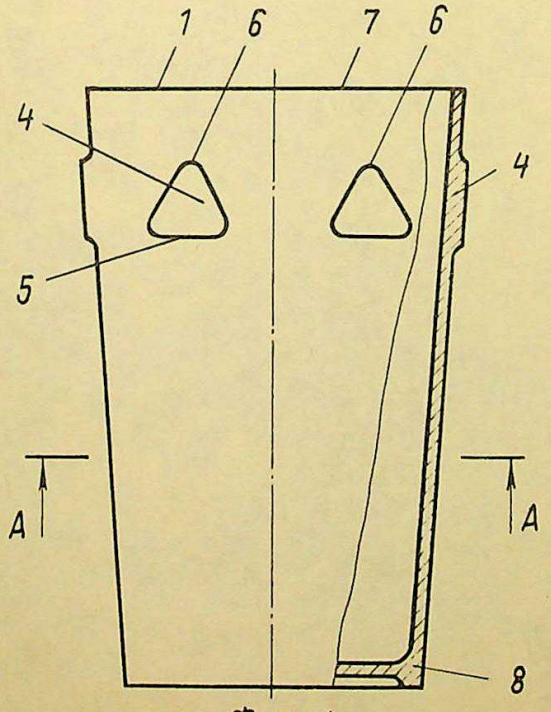
ГОСУДАРСТВЕННЫЙ КОМИТЕТ СССР ПО ДЕЛАМ ИЗОБРЕТЕНИЙ И ОТКРЫТИЙ

ОПИСАНИЕ ИЗОБРЕТЕНИЯ

К АВТОРСКОМУ СВИДЕТЕЛЬСТВУ

(21) 3552338 /28-13
(22) 15.02.83
(46) 30.08.86. Бюл. № 32
(72) Н. А. Власова, В. А. Власов, О. А. Ильянова, А. Н. Ильянов и А. Я. Уваров
(53) 642.724.4 (088.8)
(56) Товарный словарь. Госторгиздат, 1969, т. 8, с. 385.

(54) (57) СТАКАН, выполненный в виде правильной усеченной пирамиды, обращенной большим основанием вверх, имеющей скругленную верхнюю кромку и кольцевой вертикальный буртик на внешней поверхности дна, *отличающийся* тем, что, с целью повышения удобства пользования, каждая вторая грань пирамиды выполнена выпуклой, плоские грани пирамиды имеют треугольные равнобедренные выступы с горизонтальной нижней стороной, при этом ребра пирамиды и углы треугольных выступов выполнены скругленными.



Фиг. 1

(19) SU (11) 1253614 A1

Изобретение относится к приспособлениям, используемым в быту и в общественном питании, в частности к столовым принадлежностям, а именно к емкостям для питья.

Цель изобретения — повышение удобства пользования стаканом.

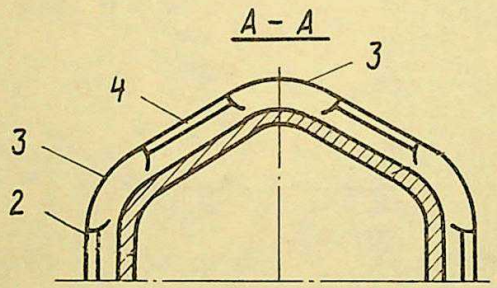
На фиг. 1 изображен общий вид стакана, разрез; на фиг. 3 — разрез А—А на фиг. 1.

Стакан выполнен в виде правильной усеченной пирамиды, обращенной большим основанием 1 вверх. Стакан имеет грани 2 и ребра 3, при этом каждая вторая грань пирамиды выполнена выпуклой, плоские грани пирамиды имеют треугольные равнобедренные выступы 4 с горизонтальной нижней стороной 5. Ребра 3 пирамиды и углы 6 выступов 4 выполнены скругленными. Верхняя кромка 7 стакана также выполнена скругленной. Дно стакана имеет вертикальный кольцевой буртик 8.

Стаканом пользуются следующим образом.

Берут стакан за треугольные выступы 4 и наливают в него напиток. При передаче стакана третьему лицу стакан также держат за треугольные выступы 4. При питье из стакана его удерживают за те же самые выступы 4.

Наличие треугольных выступов с горизонтальной нижней стороной и скругленными углами на плоских гранях стакана повышает удобство пользования стаканом, так как его удобно удерживать в руке, он не выскальзывает и не разбивается. Скругленные углы ребер и выступов обеспечивают атравматичность использования.



Фиг. 2

Составитель Р. Станина
Редактор И. Сегляник Техред И. Верес Корректор М. Демчик
Заказ 4657/9 Тираж 468 Подписное
ВНИИПИ Государственного комитета СССР
по делам изобретений и открытий
113035, Москва, Ж—35, Раушская наб., д. 4/5
Филиал ППП «Патент», г. Ужгород, ул. Проектная, 4

D7-523

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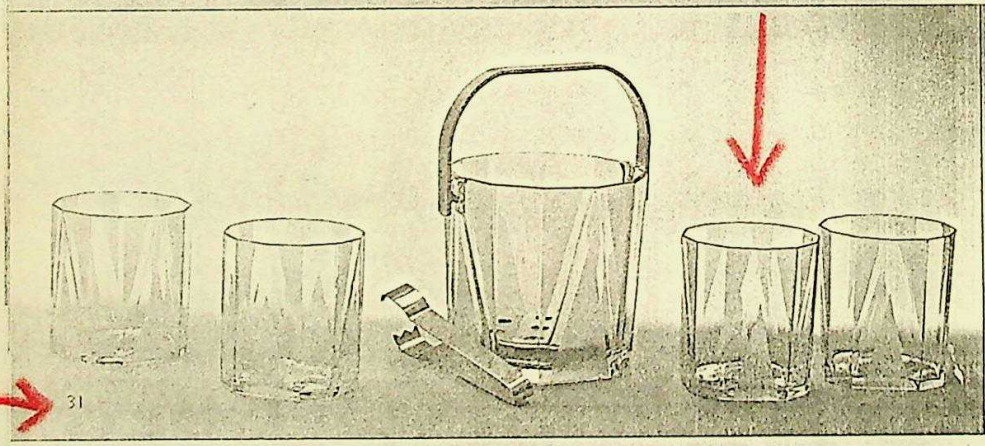

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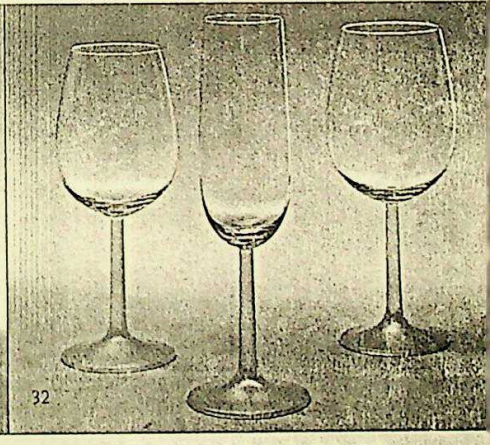

32

25% to 40% off the Timeless Gleam of Crystal to Make Your Parties Sparkle

30 Now 15.99 each, grape-motif embossed crystal. Reg. 22.50. Charming serving pieces decorated with frosted white grapes and vines, with natural bamboo handles. Bordeaux Frost by World of Porcelain and Glass. Dept. 14.
A. Platter, 12 inches across (30A-G)
B. Set of two miniature baskets, 6 x 4¼ inches (30B-G)
C. Basket, 10 x 7 inches (30C-G)
D. Bowl, 9 inches across (30D-G)

31 Now 29.99, six-piece crystal barware set in a striking octagonal shape. Reg. 40.00. Ice bucket with stainless steel handle and tongs, and set of four matching double old-fashioned glasses with frosted accents. By World of Porcelain and Glass. Dept. 14. (31-G)

32 Now 9.99 each, delicately frosted crystal stemware. Reg. 17.50. Classic shapes offset with frosted white stems and bases. Satin Mist by Royal Leerdam. Dept. 14.
A. Wine (32A-G)
B. Flute champagne (32B-G)
C. All-purpose (32C-G)

REC'D. NOV. 6, 1986

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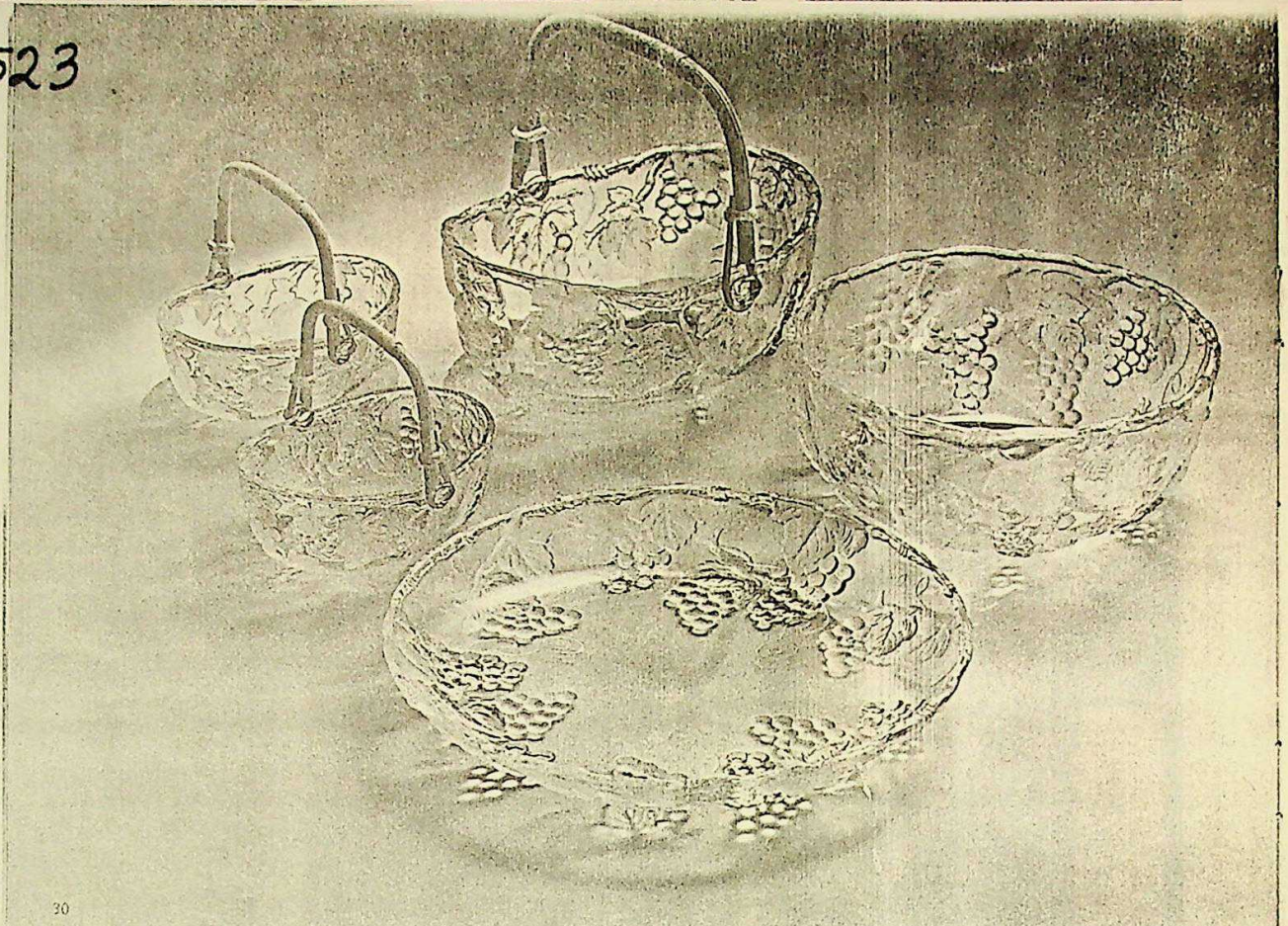
LORD & TAYLOR
HOLIDAY HOME SALE
CATALOG ©1986

D7/523



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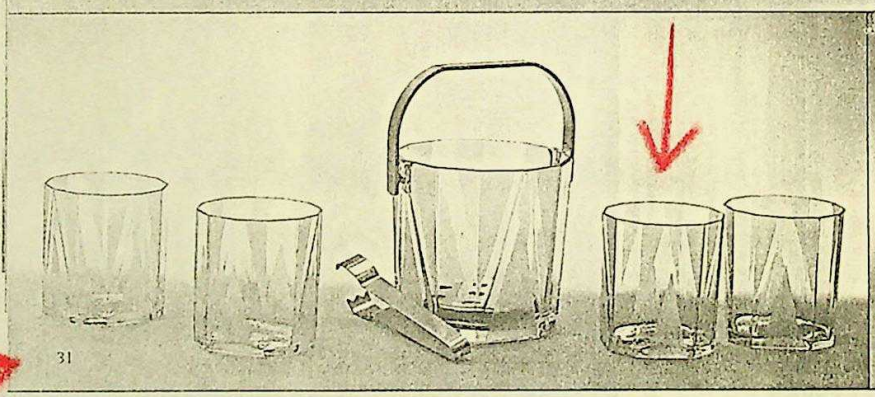

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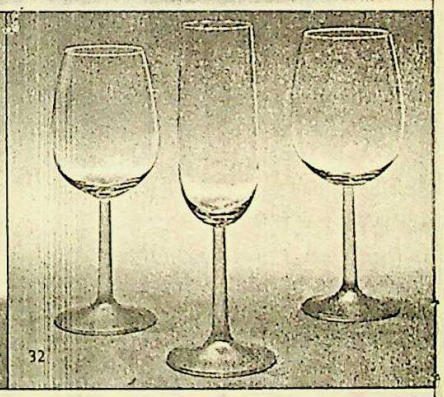

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REC'D. NOV. 6, 1986

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HOLIDAY HOME SALE

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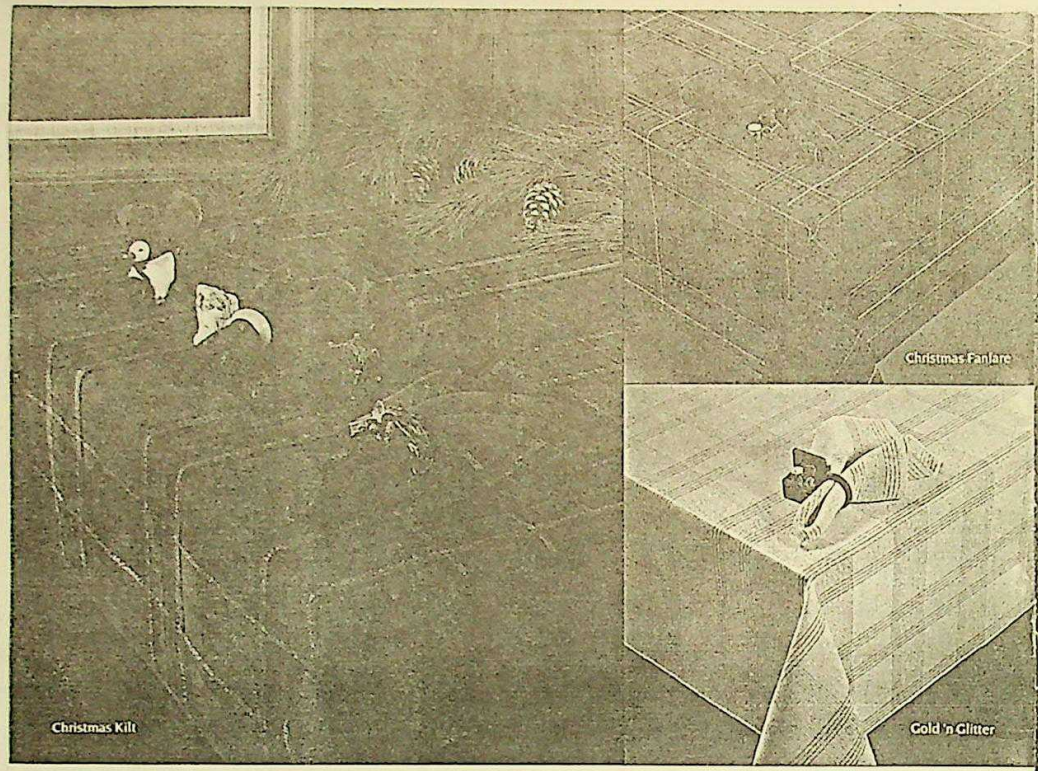

33⅓% to 40% off Holiday Tablecloths with a Festive Shimmer

105 Now 12.99 to 35.99, holiday tablecloths with a festive sparkle. Reg. 20.00 to 55.00. A trio of colorful plaid tablecloths, all lit with touches of metallic threads. Choose Christmas Kilt by Sunweave in a merry red tartan. Christmas Fanfare by Leacock in a traditional red and green tartan, or Gold 'n Glitter by Leacock in bone brightened with silver and gold. All of acrylic. American made. Dept. 5.

	Reg	Sale
A. 52 x 52"	20.00	12.99 (105A-G)
B. 52 x 70" oblong	30.00	17.99 (105B-G)
C. 60 x 84" oblong/oval	40.00	24.99 (105C-G)
D. 60 x 102" oblong/oval	45.00	29.99 (105D-G)
E. 60 x 120" oblong	55.00	35.99 (105E-G)
F. 70" round	40.00	24.99 (105F-G)
G. Napkins, set of four	16.00	10.36 (105G-G)

106 As shown on tables: 8.00 and 10.00 set of four, festive holiday napkin rings. By Kemp & Beatley. Dept. 5

A. White porcelain country duck with a red ribbon, set 10.00 (106A-G)
B. Antique-look porcelain Santa in soft pastels, set 10.00 (106B-G)
C. Wooden toy drum in red and green, set 8.00 (106C-G)
D. Miniature vine wreath with a red and green ribbon, set 8.00 (106D-G)
E. Wooden red and green toy chest with tiny teddy bear and drum inside. By Bardwil, set 10.00 (106E-G)

Lord & Taylor

424 Fifth Avenue
New York, N.Y. 10018

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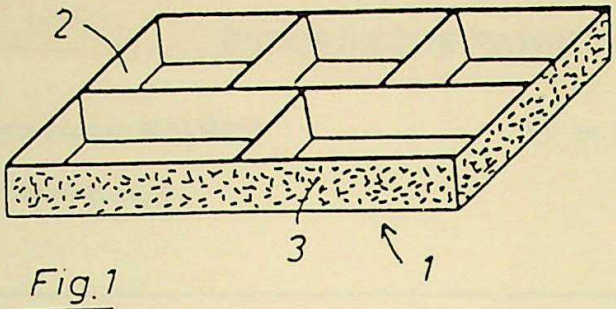

Fig.1

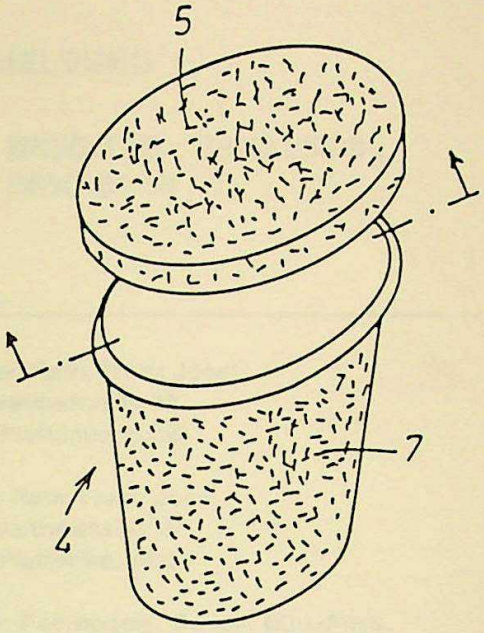

Fig.2

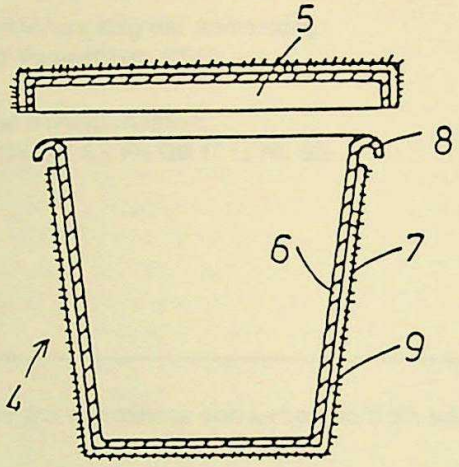

Fig.3

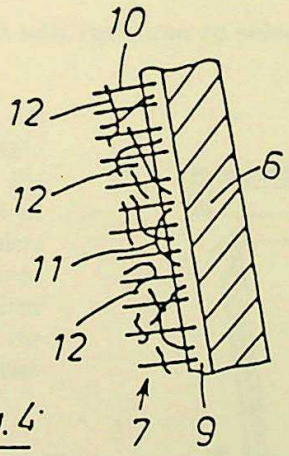

Fig.4

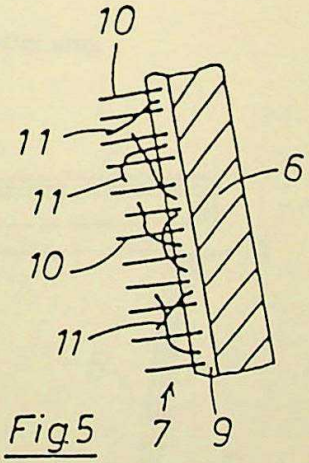

Fig.5

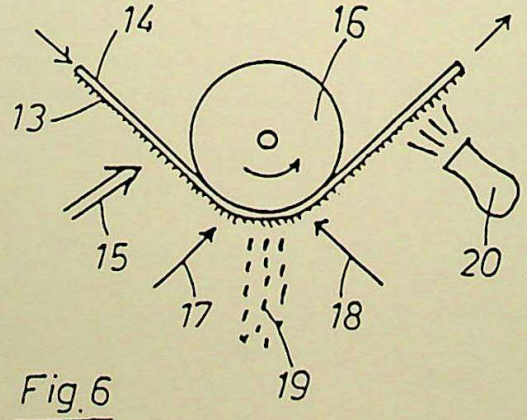

Fig.6

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(54) Behälter zur Aufnahme von Lebensmitteln und Verfahren zu seiner Herstellung.

(57) Ein schalen-oder becherförmiger Behälter (4) zur Aufnahme von Lebensmitteln besteht aus metallischem oder Kunststoff-Folienmaterial (6). Damit der Behälter (4) gut greifbar und gut wärmeisoliert ist und sein Gewicht nur geringfügig über dem Gewicht herkömmlicher Behälter liegt, ist er an seinen Außenflächen -ggfs. mit Ausnahme seines Schließrandes (8) -mit Kunststoffasern (10, 11) beflockt, wobei sämtliche Fasern (10, 11) in der Kleberschicht (9) verankert sind.

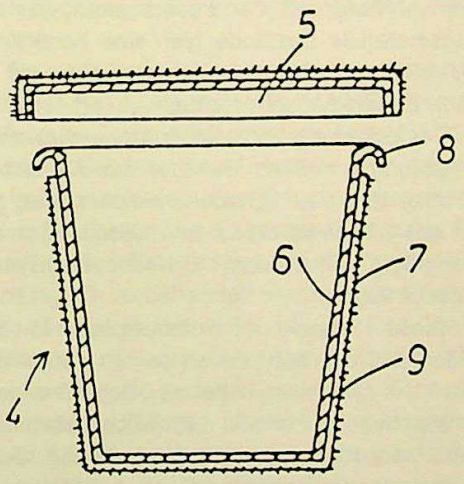

Fig. 3

EP 0 220 533 A2

Behälter zur Aufnahme von Lebensmitteln und Verfahren zu seiner Herstellung

Die Erfindung betrifft einen schalen-oder becherförmigen Behälter zur Aufnahme von Lebensmitteln, welcher aus metallischem oder Kunststoff-Folienmaterial besteht sowie ein Verfahren zu seiner Herstellung.

Derartige Behälter zur Aufnahme von Lebensmitteln sind in den verschiedensten Ausführungsformen bekannt. Sie dienen beispielsweise als Getränkebecher oder als Aufnahmeschalen für fertig zubereitete Tellergerichte. Da derartige Behälter flüssigkeitsundurchlässig und chemisch beständig sein müssen, bestehen sie meist aus Aluminiumfolie oder speziellem, geschmacksneutralem Kunststoff-Folienmaterial. Nachteilig ist aber bei den bekannten Lebensmittel-Behältern, daß sie sich aufgrund ihrer glatten Außenflächen schlecht greifen lassen und daß sie nur in unzureichendem Maße wärmeisoliert sind. So lassen sich beispielsweise Behälter mit heißen Getränken anfangs kaum berühren, während das Getränk sehr schnell seine Temperatur verliert.

Es ist weiterhin bekannt, die verschiedensten Gegenstände mit einer Flockschicht zu versehen, um ein besseres Aussehen zu erreichen. Im Zusammenhang mit Lebensmittel-Behältern ist aber der Einsatz einer herkömmlichen Flockschicht nicht möglich, da sich aus dieser immer wieder kleinste Fasern ablösen und die Lebensmittel verunreinigen könnten. Aufgrund der Faserstruktur des Beflockungsmaterials bestünde hier eine hohe Krebsgefahr oder zumindest ein hohes Risiko von allergischen Erkrankungen oder dgl.

Der Erfindung liegt die Aufgabe zugrunde, einen gattungsgemäßen Behälter zur Aufnahme von Lebensmitteln zu schaffen, welcher gut greifbar und gut wärmeisoliert ist und dessen Gewicht nur geringfügig über dem Gewicht herkömmlicher Behälter liegt.

Diese Aufgabe ist erfindungsgemäß dadurch gelöst, daß der Behälter an seinen Außenflächen - ggfs. mit Ausnahme seines Schließrandes -mit Kunststoffasern beflockt ist, wobei sämtliche Fasern in der Kleberschicht verankert sind. Durch die Verankerung sämtlicher Fasern in der Kleberschicht ist eine Ablösung einzelner Teilchen aus der Beflockungsschicht vollständig ausgeschlossen, so daß der Behälter nunmehr ohne weiteres auch im Zusammenhang mit Lebensmitteln benutzbar ist. Die Verwendung von Kunststoffasern hoher Eigenfestigkeit ist von besonderer Bedeutung, weil sich von diesen -beispielsweise im Gegensatz zu Baumwollfasern -unter mechanischer Beanspruchung keine Partikel ablösen. Aufgrund der Beflockung wird ein sehr hoher Wärmeisolationseffekt erzielt, der auch das Berühren von Behältern mit nahezu kochendem Inhalt gestattet. Die im Behälter aufbewahrten Lebensmittel behalten lange ihre Temperatur, so daß sich der erfindungsgemäße Behälter in besonderer Weise für die Verteilung von fertig zubereiteten Tellergerichten eignet. Auch bei Tiefkühlkost sichertdie Beflockung eine gute Wärmedämmung. Durch die Beflockung wird schließlich der Behälter sehr griffig, so daß er beispielsweise nicht mehr aus der Hand gleiten kann. Das Gewicht des Behälters wird durch die Flockschicht nur geringfügig erhöht, so daß beispielsweise beim Einsatz in Großküchen eine größere Zahl von leeren Behältern noch bequem von einer einzelnen Person transportiert werden kann.

Gemäß der Erfindung kann die Faserlänge der Beflockungsschicht etwa zwischen 0,3 und 0,5 Millimetern liegen. Schon bei dieser Faserlänge wird bereits ein erstaunlicher Wärmeisolationseffekt erreicht, wobei gleichzeitig nur eine geringe Gewichtzunahme des Behälters zu verzeichnen ist. Bei dieser Faserlänge ist im übrigen bei einer reibenden oder schabenden Beanspruchung des Behälters kein Abbrechen der Fasern zu befürchten, was im Hinblick auf die Verwendung im Zusammenhang mit Lebensmitteln von besonderer Bedeutung ist.

Der Erfindung zufolge kann die Beflockung aus einer Mischung geschnittener und gemahlener Fasern bestehen. Geschnittene Fasern sind infolge des elektrostatischen Beflockungsverfahrens überwiegend senkrecht zur Kleberschicht ausgerichtet, während gemahlene Fasern eine unregelmäßigere Struktur haben und häufig auf der Kleberschicht liegen. Durch die Mischung beider Fasersorten erhält die Beflockungsschicht eine filzartige Struktur mit einer sehr dichten Oberfläche, wodurch ein besonders hoher Wärmeisolationseffekt erzielt wird.

Die Erfindung bezieht sich schließlich auf ein Verfahren zur Herstellung eines erfindungsgemäßen Behälters, welches dadurch gekennzeichnet ist, daß beim Beflocken im Anschluß an die Aushärtung des Klebers die beflockten Flächen mit hockdruckbeaufschlagtem Wasser abgespritzt und danach getrocknet werden. Nach umfangreichen Versuchen hat sich das Abspritzen der beflockten Flächen mit hockdruckbeaufschlagtem Wasser als bislang einzig wirksame Methode erwiesen, lose bzw. nur leicht angeklebte Fasern aus der Beflockungsschicht vollständig zu lösen und zu entfernen. Nur bei dieser intensiven Form der Reinigung ist sichergestellt, daß sämtliche verbleibenden Fasern zuverlässig in der Kleberschicht verankert sind.

Der Erfindung zufolge können die beflockten Flächen mehrmals, und zwar in unterschiedlichen Richtungen, mit Wasser abgespritzt werden. Damit wird zuverlässig jeder Winkelraum innerhalb der Beflockungsschicht von dem hochdruckbeaufschlagten Wasser erreicht.

In weiterer Ausgestaltung der Erfindung können die beflockten Flächen bei nach unten gerichteter Flockschicht behandelt werden. Nach dem Herauslösen einzelner Partikel aus der Flockschicht werden diese mit dem nach unten abfließenden Wasser unmittelbar fortgespült und können nicht an anderen Stellen wieder an der Flockschicht anschwemmen.

Der Erfindung zufolge kann dem Wasser ein Oberflächenentspannungsmittel zugesetzt werden. Damit wird eine besonders hohe Eindringtiefe der Hochdruck-Wasserstrahlen erreicht und werden aufgrund ihrer elektrostatischen Aufladung quasi verklebte Faserpartikel besser ausgelöst.

In weiterer Verbesserung der Erfindung kann mit Wassertemperaturen zwischen 60°C und 100°C gearbeitet werden und/oder können die beflockten Flächen mit Wasserdampfbestrahlung vorbehandelt werden. Durch die Warmbehandlung bzw. Wasserdampfbestrahlung beginnen die einzelnen Fasern der Beflockungsschicht, ähnlich wie beim Heißdampfbügeln, zu arbeiten, wodurch sich nicht in der Kleberschicht verankerte Fasern lockern.

Der Erfindung zufolge kann die Beflockung und Restfaser-Reinigung am Folienmaterial oder an Zuschnitten des Folienmaterials vor Ausformung des Behälers durchgeführt werden. Durch die Behandlung des unverformten Materials ist sichergestellt, daß bei der Restfaser-Reinigung wirklich alle Bereiche der Beflockungsschicht erfaßt werden.

Gemäß der Erfindung können die beflockten Flächen konvex gebogen und im Biegungsbereich behandelt werden. Durch die konvexe Biegung ergibt sich eine Erweiterung und Öffnung der Beflockungsschicht, welche ein Herauslösen von losen Teilchen zusätzlich fördern.

Die Erfindung wird im folgenden anhand der Zeichnung näher erläutert. Es zeigen:

Fig. 1 einen schalenförmigen Behälter,

Fig. 2 einen becherförmigen Behälter,

Fig. 3 den becherförmigen Behälter gemäß einem Schnitt III-III in Fig. 2,

Fig. 4 die beflockte Wandung vor der Restfaser-Reinigung gemäß einem Ausschnitt IV in Fig. 3,

Fig. 5 die beflockte Wandung nach der Restfaser-Reinigung und

Fig. 6 die Restfaser-Reinigung eines beflockten Folienmaterials in einer schematischen Darstellung.

Fig. 1 zeigt einen schalenförmigen Behälter 1, welcher zur Aufnahme von fertig zubereiteten Tellergerichten dient. Er ist aus einer Aluminiumfolie 2 hergestellt, die an ihren Außenflächen mit einer Beflockungsschicht 3 versehen ist. Trotz der hohen Wärmeleitfähigkeit von Aluminium kann daher der Behälter 1 auch beim Transport von sehr heißen Gerichten ohne weiteres mit der Hand angefaßt werden.

Die Fig. 2 und 3 veranschaulichen den Aufbau eines Getränke-Behälters 4 mit einem Deckel 5. Der Behälter 4 besteht in seinem Grundaufbau aus einer becherförmig verformten Kunststoffolie 6, welche an ihren Außenflächen mit einer Beflockungsschicht 7 versehen ist. Lediglich der Schließrand 8 zur Halterung des Deckels 5 ist nicht beflockt. Die Beflockungsschicht 7 ist über eine Kleberschicht 9 an der Kunststoffolie 6 fest verankert. Wie insbesondere aus Fig. 5 hervorgeht, besteht die Beflockungsschicht 7 aus einer Mischung von geschnittenen Fasern 10, die senkrecht oder etwa senkrecht von der Kleberschicht 9 abstehen, und gemahlenen Fasern 11, die schräg auf der Kleberschicht 9 stehen oder auf dieser liegend angeordnet sind und die eine vergleichsweise unregelmäßige Struktur aufweisen.

Unmittelbar nach der elektrostatischen Beflockung ergibt sich eine Situation gemäß Fig.4, bei der zwischen den Fasern 10, 11, welche fest in der Kleberschicht 9 verankert sind, lose Faserteile 12 eingelagert sind. Diese losen Faserteile 12 werden durch hochdruckbeaufschlagtes Wasser vollständig entfernt.

Fig. 6 zeigt die verschiedenen Stationen der Restfaser-Reinigung der beflockten Flächen 13 einer Folie 14, aus welcher nach Abschluß der Behandlung Behälter zur Aufnahme von Lebensmitteln geformt werden. Der Doppelpfeil symbolisiert eine erste Station der Restfaser-Reinigung, bei der die beflockten Flächen mit einer Wasserdampfbestrahlung 15 vorbehandelt werden. Unmittelbar anschließend läuft die Folie 14 um eine Walze 16 herum, so daß die beflockten Flächen 13 eine konvexe Biegung erhalten. In dieser Zone werden die beflockten Flächen 13 aus verschiedenen Richtungen 17, 18 mit hochdruckbeaufschlagtem Wasser abgespritzt, wie es durch Pfeile angedeutet ist. Da die Abspritzung bei im wesentlichen nach unten gerichteter Flockschicht 13 erfolgt, kann das Wasser samt der gelösten Flockteilchen im Bereich 19 nach unten abfließen. Nach Durchlaufen der Abspritzstation werden die beflockten Flächen 13 mittels einer Heißluftanlage 20 getrocknet.

Ansprüche

1. Schalen-oder becherförmiger Behälter (4) zur Aufnahme von Lebensmitteln, bestehend aus metallischem oder Kunststoff-Folienmaterial (6), dadurch gekennzeichnet, daß der Behälter (4) an seinen Außenflächen -ggfs. mit Ausnahme seines Schließrandes (8) -mit Kunststoffasern (10, 11) beflockt ist, wobei sämtliche Fasern (10, 11) in der Kleberschicht (9) verankert sind.

2. Behälter nach Anspruch 1, dadurch gekennzeichnet, daß die Faserlänge der Beflockungsschicht (7) etwa zwischen 0,3 und 0,5 Millimetern liegt.

3. Behälter nach Anspruch 1 oder 2, dadurch gekennzeichnet, daß die Beflockungsschicht (7) aus einer Mischung geschnittener (10) und gemahlener (11) Fasern besteht.

4. Verfahren zur Herstellung eines Behälters nach Anspruch 1, dadurch gekennzeichnet, daß beim Beflocken im Anschluß an die Aushärtung des Klebers die beflockten Flächen (13) mit hochdruckbeaufschlagtem Wasser abgespritzt und danach getrocknet werden.

5. Verfahren nach Anspruch 4, dadurch gekennzeichnet, daß die beflockten Flächen (13) mehrmals, und zwar in unterschiedlichen Richtungen (17, 18) mit Wasser abgespritzt werden.

6. Verfahren nach Anspruch 4 oder 5, dadurch gekennzeichnet, daß die beflockten Flächen (13) bei nach unten gerichteter Flockschicht behandelt werden.

7. Verfahren nach einem der Ansprüche 4 bis 6, dadurch gekennzeichnet, daß dem Wasser ein Oberflächenentspannungsmittel zugesetzt ist.

8. Verfahren nach einem der Ansprüche 4 bis 7, dadurch gekennzeichnet, daß mit Wassertemperaturen zwischen 60°C und 100°C gearbeitet wird.

9. Verfahren nach einem oder mehreren der Ansprüche 4 bis 8, dadurch gekennzeichnet, daß die beflockten Flächen (13) mit Wasserdampfbestrahlung (15) vorbehandelt werden.

10. Verfahren nach einem oder mehreren der Ansprüche 4 bis 9, dadurch gekennzeichnet, daß die Beflockung und Restfaser-Reinigung am Folienmaterial (14) oder an Zuschnitten des Folienmaterials vor Ausformung des Behälters durchgeführt werden.

11. Verfahren nach Anspruch 10, dadurch gekennzeichnet, daß die beflockten Flächen (13) konvex gebogen und im Biegungsbereich behandelt werden.

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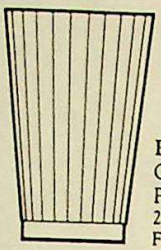
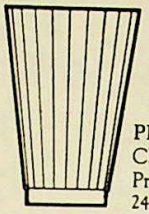
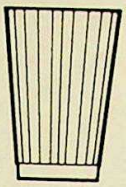
Prestige™



PPI-16-X
Clear 16 oz.
Prestige Tumbler
240/cs. (12-20)
Flat lid, LI-16 1,000/cs.

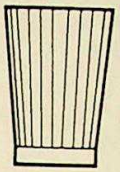


PPI-14-X
Clear 14 oz.
Prestige Tumbler
240/cs. (12-20)

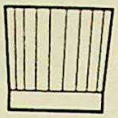


PPI-12-X
Clear 12 oz.
Prestige Tumbler
240/cs. (12-20)

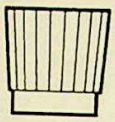
PPI-12-BX
Black 12 oz.
Prestige Tumbler
240/cs. (12-20)



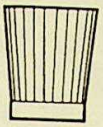
PPI-10-X
Clear 10 oz.
Prestige Tumbler
240/cs. (12-20)



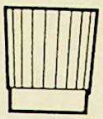
PPI-9-X
Clear 9 oz.
Prestige Tumbler
240/cs. (12-20)



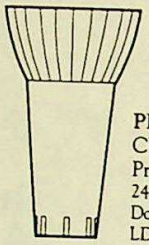
PPI-8-X
Clear 8 oz.
Prestige Tumbler
240/cs. (12-20)



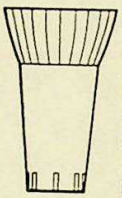
PPI-750-X
Clear 7.5 oz.
Prestige Tumbler
240/cs. (12-20)
Flat lid, LI-750 1,000/cs.



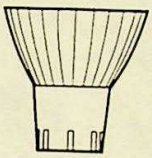
PPI-6-X
Clear 6 oz.
Prestige Tumbler
240/cs. (12-20)
Flat lids, LI-6/LI-6-PE 1,000/cs.



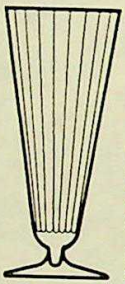
PPS-16-X
Clear 16 oz.
Prestige Specialty
240/cs. (12-20)
Dome lids, LD-12 240/cs.
LD-16 240/cs.



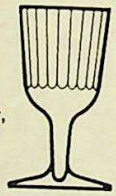
PPS-12-X
Clear 12 oz.
Prestige Specialty
240/cs. (12-20)
Flat lid, LF-12 240/cs.
Dome lids, LD-12 240/cs.
LD-16 240/cs.



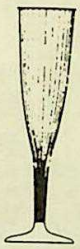
PPS-9-X
Clear 9 oz.
Prestige Specialty
240/cs. (12-20)
Dome lids, LD-12 240/cs.
LD-16 240/cs.



PTS-12
Clear 12 oz.
Prestige Pilsner,
Two Piece
200/cs. (20-10)
9000-00-0298

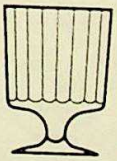


PTS-550-X
Clear 5.5 oz.
Prestige Stem,
Two Piece Wine
240/cs. (24-10)
Flat lids, LI-6/LI-6-PE 1,000/cs.



PTS-5-X
Clear 5 oz.
Prestige Fluted
Champagne,
Two Piece
120/cs. (12-10)
Flat lid, LI-2-PE 2,000/cs.

PTS-5-BX
Clear 5 oz.
Prestige Fluted
Champagne,
Black Base
120/cs. (12-10)
Flat lid, LI-2-PE 2,000/cs.



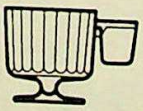
POS-8-X
Clear 8 oz.
Prestige Stem
240/cs. (24-10)
Flat lid, LI-5 1,000/cs.

POS-8-BX
Black 8 oz.
Prestige Stem
240/cs. (24-10)
Flat lid, LI-5 1,000/cs.

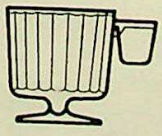
POS-550-X
Clear 5.5 oz.
Prestige Stem
240/cs. (24-10)
Flat lids, LI-6/LI-6-PE 1,000/cs.

POS-550-BX
Black 5.5 oz.
Prestige Stem
240/cs. (24-10)
Flat lids, LI-6/LI-6-PE 1,000/cs.

POS-4-X
Clear 4 oz.
Prestige Stem
240/cs. (24-10)
Flat lids, LI-6/LI-6-PE 1,000/cs.



PMOS-4-X
Clear 4 oz.
Prestige Stem
(w/handle)
240/cs. (24-10)
Flat lids, LI-6/LI-6-PE 1,000/cs.



PMOS-7-X
Clear 7 oz.
Prestige Stem
(w/handle)
240/cs. (24-10)
Lid, LI-5 1,000/cs.

PCM-7-X
Clear 8 oz. Mug
240/cs. (24-10)
Flat lid, LI-5 1,000/cs.

PCM-7-BX
Black 8 oz. Mug
240/cs. (24-10)
Flat lid, LI-5 1,000/cs.

PCM-7-BNX
Bone 8 oz. Mug
240/cs. (24-10)
Flat lid, LI-5 1,000/cs.

PCM-7-CX
Champagne 8 oz. Mug
240/cs. (24-10)
Flat lid, LI-5 1,000/cs.

PCM-7-WX
White 8 oz. Mug
240/cs. (24-10)
Flat lid, LI-5 1,000/cs.

PCA 0001828

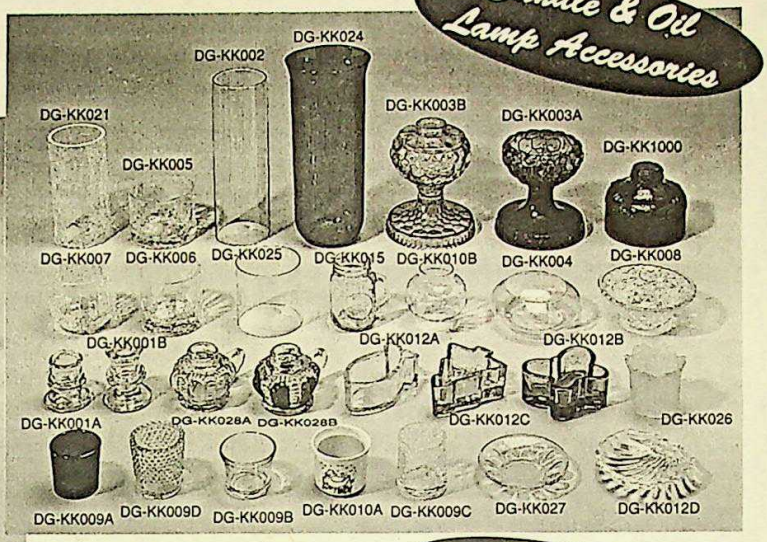
D7/523

"DIETZ" KNOWS ALL YOUR BASIC NEEDS ON GLASS UTENSILS

We make quality & versatility

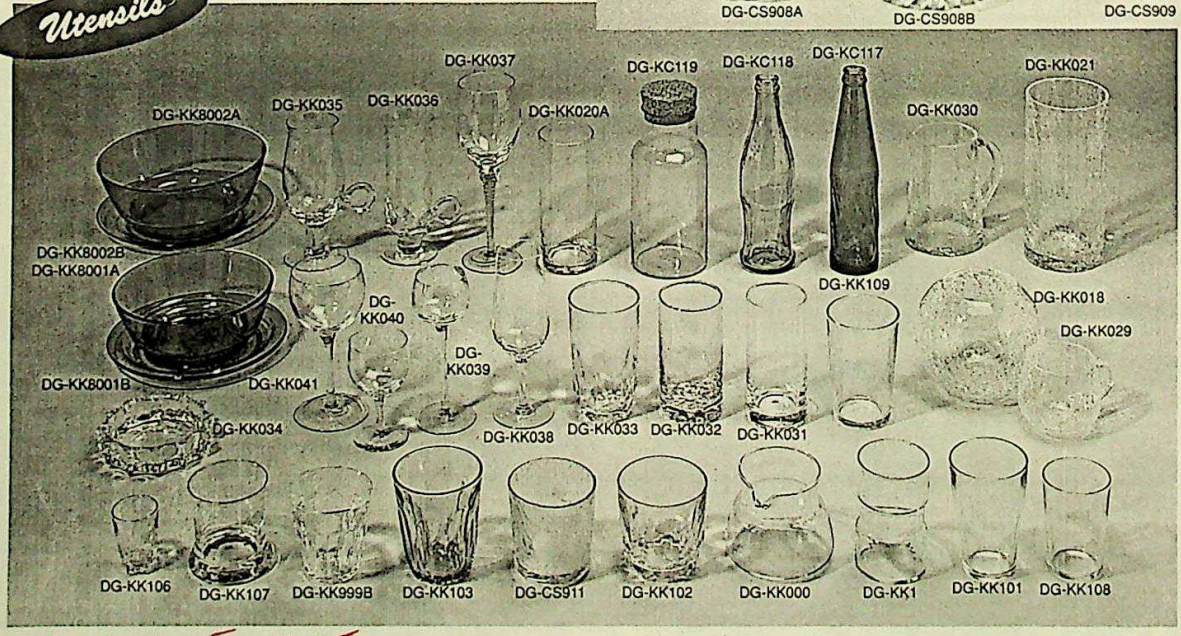
Miniature Bottles

Candle & Oil Lamp Accessories



Hi-lead Crystal series

Utensils



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DIETZ®

R. E. DIETZ COMPANY LIMITED.

1-3/F., United Industrial Building, 50 Heung Yip Road, Wong Chuk Hang, Hong Kong.
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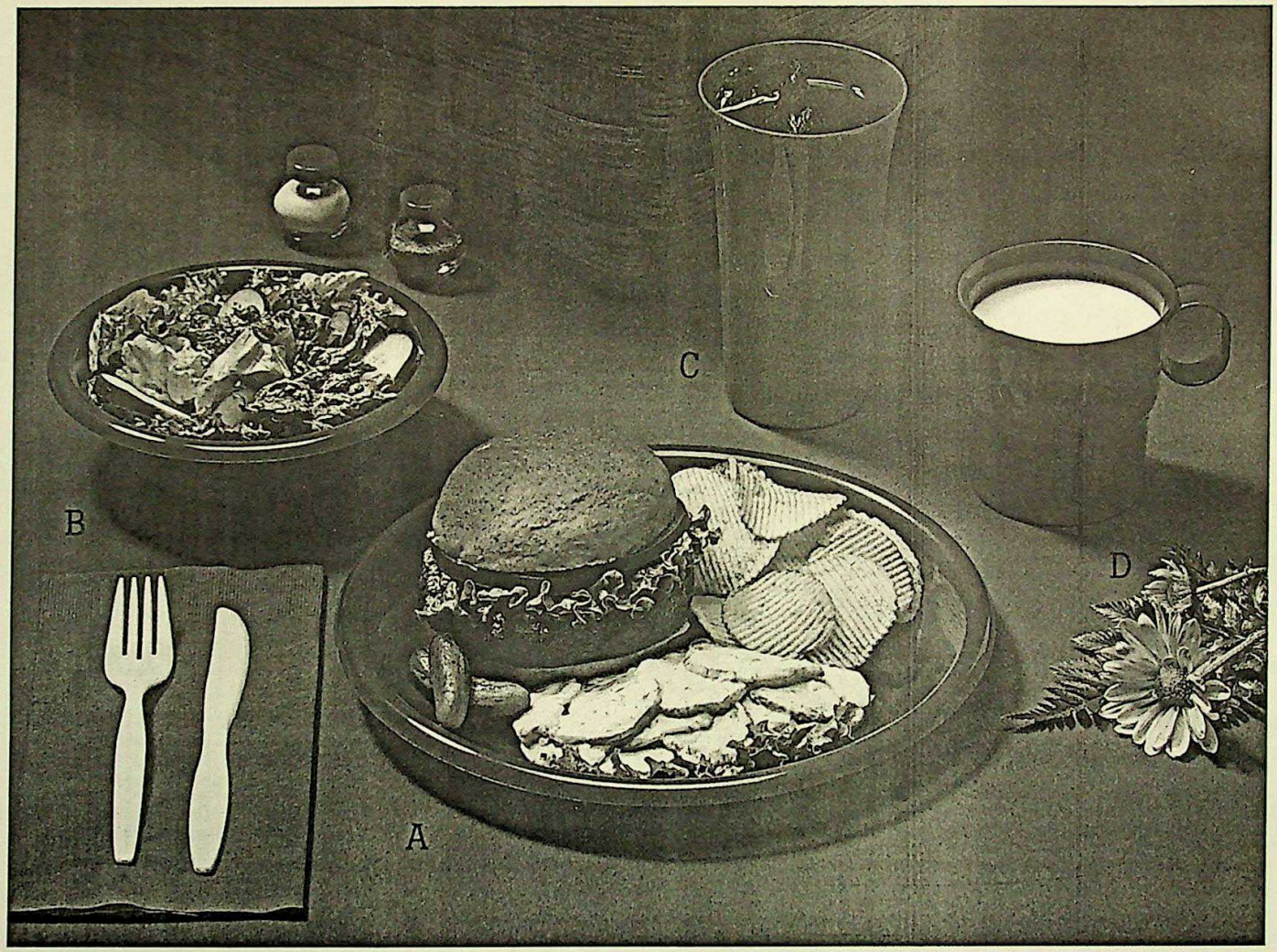
D7/
523

BEMIS® Casual Tableware and Picnicware

Bemis Casual Tableware/Picnicware adds a touch of class to a picnic, a child's birthday party or a casual dinner with friends. All Bemis Casual Tableware/Picnicware is made of sturdy plastic which will not sag or crack. Available in a wide array of the most fashionable colors, it is the final ingredient for a successful party.



Catalina™

A) 132 Plate
10" diameter

B) 134 Bowl
6½" diameter

C) 236 Tumbler
16 ounces

D) 136 Mug
12 ounces

MADE IN USA

Bemis Housewares, Division of Bemis Manufacturing Co., Sheboygan Falls, WI 53085
414-467-4621, 1-800-558-7651, Fax 414-467-8573

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